Ontario Statistics 1982

Ontario

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Ontario Statistics 1982

Ministry of
Treasury and
Economics

Ontario

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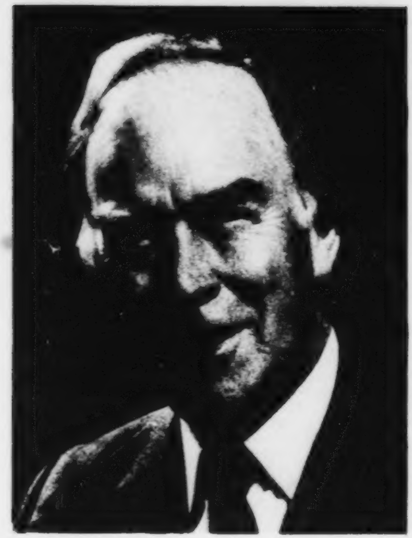


Foreword

Ontario Statistics provides the Ontario public with a wide range of timely data on the social and economic life of the Province. Through annual revisions and refinements, it has evolved to become the Province's most reliable reference handbook of socio-economic data.

The 22 sections of comparative statistics have been gathered from the best available sources. We gratefully acknowledge the contribution of Statistics Canada and many other federal, provincial, financial and industrial organizations. The usefulness of this, our eighth edition, has been augmented by the availability of 1981 Census data which have been incorporated wherever possible.

As a part of a general review of the effectiveness of this publication, I would urge that you complete and mail (postage free) the enclosed card. This will enable Ministry staff to ensure that future editions of Ontario Statistics continue to be relevant to the statistical needs of our readers. Thank you in advance for taking the time to provide this valuable feedback.

Frank S. Miller

Frank S Miller

Treasurer of Ontario and
Minister of Economics

Contents

List of Tables, Maps and Graphs
Qualifying Remarks
Map of Ontario

Part I Social Series

1 Physiography and Environment 3
2 Population 37
3 Births, Deaths and Immigration 81
4 Family and Social Services 107
5 Health 121
6 Education 165
7 Crime and Justice 221
8 Recreation and Tourism 247
9 Housing and Household Equipment 267
10 Media and Communications 295

Part 2 Economic Series

11 Labour 307
12 Income 339
13 Prices 365
14 Finance 381
15 Trade 415
16 Agriculture 429
17 Fisheries and Wildlife 453
18 Forestry and Mining 469
19 Energy 487
20 Manufacturing 525
21 Investment and Construction 551
22 Transportation 583

Appendices

I. Unit Conversion
II. Census of Population — Data Quality

Index

List of Tables, Maps and Graphs

Physiography and Natural Environment

Map:

1.A Ontario's Major Drainage Basins

Graphs:

1.B Number of Hours of Bright Sunshine by Selected Centre, Ontario

1.C Mean Total Precipitation by Selected Centre, Ontario

1.D Trends in Suspended Particulate Matter, by Selected City, Ontario, 1969–1981

1.E Sulphur Dioxide Levels, by Selected City, Ontario, 1969-1981

Tables:

1.1 Selected Statistics, Ontario and Shared Watersheds, 1976

1.2 Mean Monthly Temperature, Degree Days, Precipitation and Number of Hours of Bright Sunshine, by Selected Centre, Ontario

1.3 Emissions and Discharges, Inventoried Air Pollution Emissions, Ontario 1977–1980

1.4 Emissions and Discharges, Air Pollution Emissions by Sources, Hamilton and Metropolitan Toronto, 1976–1980

1.5 Emissions and Discharges, Major Sources of Sulphur Dioxide Emissions in Ontario — Annual Emissions, 1971–1980

1.6 Emissions and Discharges, Hauled Industrial Waste, Liquids and Sludges, Quantities Generated by Category, Ontario 1978 to 1981

1.7 Emissions and Discharges, Annual Contaminant Loadings to Ontario Watercourses from Selected Source Sections, 1978–1981

1.8 Environmental Objectives, Ontario Ambient Air Quality Criteria

1.9 Ambient Quality Conditions, Ontario's Air Pollution Index, 1972–1981

1.10 Ambient Quality Conditions, Number of Times Ambient Air Quality Criteria Were Exceeded, 1976–1981

1.11 Ambient Quality Conditions, Water Quality Trends by Major Drainage Basins, Ontario

1.12 Environmental Effects, Results of MOE – MNR Sport Fish Contaminant Testing Program, 1977–1982

1.13 Pollution Abatement and Environmental Protection Activities, Sewage Treatment Plants in Ontario, 1975–1981

1.14 Pollution Abatement and Environmental Protection Activities, Water Supply Treatment Plants in Ontario, 1975–1981

1.15 Pollution Abatement and Environmental Protection Activities, Solid and Industrial Waste Disposal Sites and Collection Systems Under the Ontario Certificate of Approval Program, 1978–1981

1.16 Pollution Abatement and Environmental Protection Activities, Hauled Industrial Waste, Liquids and Sludges, Mode of Disposal, August 1980–July 1981

1.17 Pollution Abatement and Environmental Protection Activities, Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals Under Authority of the Ontario Water Resources Act and the Ontario Environmental Protection Act (1971), 1977–1981

1.18 Pollution Abatement and Environmental Protection Activities, Prosecutions by the Ontario Ministry of the Environment, 1977–78 to 1981–82

1.19 Pollution Abatement and Environmental Protection Activities, Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario 1969–1981

1.20 Pollution Abatement and Environmental Protection Activities, Expenditures by the Public sector in Ontario 1976–77 to 1981–82

1.21 Pollution Abatement and Environmental Protection Activities, Ontario Ministry of the Environment Expenditure Composition, 1977–78 to 1981–82

Population

Map:

2.A Population Change, 1976–1981

Graphs:

2.B Population by Sex, Ontario, Selected Years, 1972–1981

2.C Population by Age Group, Ontario Selected Years, 1971-1981

2.D Population, by Census Metropolitan Area, Ontario, Selected Years, 1951–1981
2.E Population Projections, by Planning Region, Ontario, Selected Years, 1981–2001
2.F Population by Mother Tongue and Sex, Ontario, 1981
2.G Registered Indian Population, by Sex, Ontario, 1975–1980
2.H Population by Ethnic Group, Ontario, Census Years, 1951–1971

Tables:

2.1 Population by Province, Canada, 1955–1981
2.2 Population by Age Group, Ontario, 1956–1981
2.3 Population by Sex, by Province, Canada, 1970–1981
2.4 Census Population by Sex and Age Group, by County and Planning Region, Ontario, 1981
2.5 Population by Sex and Age Group, Ontario, 1976–1981
2.6 Population Projections, by Planning Regions and Counties, Ontario, Selected Years, 1976–2001
2.7 Population Projections, by Age Groups, Ontario, Selected Years, 1976–2001
2.8 Population by Marital Status and Sex, Ontario, Census Years, 1956–1981
2.9 Population by Marital Status, by County, Ontario, 1976 and 1981
2.10 Population by Mother Tongue in Official Languages and Other, by County, Canada and Ontario, 1981
2.11 Population by Mother Tongue and Sex, Ontario, 1981
2.12 Mother Tongue by Age Group, by County, Canada and Ontario, 1981
2.13 Population, by Selected Municipality, Ontario, Census Years, 1956–1981
2.14 Population, by Census Metropolitan Area, Ontario, Selected Years, 1951–1981
2.15 Central City and Suburban Percentage Shares, by Census Metropolitan Area, Ontario, Census Years, 1951–1981
2.16 Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1956–1981
2.17 Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951–1971
2.18 Population by Birthplace, Ontario, Census Years, 1951–1971
2.19 Population by Ethnic Group, Ontario, Census Years, 1951–1971
2.20 Population by Religious Denomination, Ontario, Census Years, 1951–1971
2.21 Registered Indian Population by Age and Sex, Canada and Ontario 1974–1980
2.22 Registered Indians by Location of Residence, Canada and Ontario, 1968–1980
2.23 Enfanchisements of Registered Indians, Canada and Ontario, 1964–65 to 1981–82

Births, Deaths and Immigration

Graphs:

3.A Age-Specific Fertility Rates, Ontario, Selected Years, 1960–1980
3.B Infant Mortality, Canada and Ontario, 1950–1980
3.C Immigration by Intended Destination, Canada and Ontario, 1950–1980

Tables:

3.1 Age-Specific Fertility Rates, Ontario, Selected Years, 1951–1980
3.2 Live Births by Age Groups of Mothers, Ontario, 1964–1980
3.3 Births, Deaths and Natural Increase by County, Ontario, 1980
3.4 Births and Deaths by Selected Municipality, Ontario, 1979 and 1980
3.5 Standardized (Age-Adjusted) Death Rates by Sex, Canada and Ontario, 1950–1980
3.6 Age-Specific Death Rates by Sex, Ontario, 1974–1978
3.7 Deaths by Marital Status and Sex, Canada and Ontario, 1976–1980
3.8 Infant Mortality, Canada and Ontario, 1950–1980
3.9 Infant Mortality Rates, Canada and Ontario, 1950–1980
3.10 Deaths by Cause, Canada and Ontario, 1976–1980
3.11 Death from Suicide and Self-Inflicted Injury by Cause and Sex, Canada and Ontario, 1976–1980
3.12 Number of Suicides by Selected City, Ontario, 1973–1980
3.13 Suicides by Sex and Age Group, Ontario, 1971–1980
3.14 Immigration by Intended Destination, Canada and Provinces, 1951–1980
3.15 Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1975–1980
3.16 Immigrants by Country of Last Permanent Residence and by Area of Destination, Ontario, 1981
3.17 Immigrants by Intended Occupation, Ontario, 1975–1980

Family and Social Services

Graphs:

4.A Number of Families, Canada and Ontario, 1964–1981
4.B Marriage Rates and Divorce Rates, Canada and Ontario, 1955–1980
4.C Social Services Expenditures per Capita, by County, Ontario, 1980–81

Tables:

4.1 Number of Families, by Region, Canada, 1963–1981
4.2 Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1961–1981
4.3 Number of Census Families, by County, Canada and Ontario, Census Years, 1961–1981
4.4 Marriages by Age of Bride and Groom, Canada and Ontario, 1976–1980
4.5 Marriages, by Selected Municipality, Ontario, 1975–1980
4.6 Marriages and Divorces, Canada and Ontario, 1950–1980
4.7 Marriage Rates and Divorce Rates, Canada and Ontario, 1950–1980
4.8 Provincial-Federal, Municipal and Other Participation in Social Service Expenditures, by Program, Year Ending March 31, 1981
4.9 Provincial-Federal, Municipal and Other Participation in Social Services Expenditures, by Municipal Unit, Year Ending March 1981
4.10 Expenditures of Social Services Programs, by County, Ontario, 1976–77 to 1980–81
4.11 Social Services Expenditures per Capita, by County, Ontario, 1976–77 to 1980–81

Health

Graphs:

5.A Average Life Expectancy by Selected Age, Ontario, Census Years, 1951–1976
5.B Population per Physician, Nurse and Dentist, Ontario, 1955–1981
5.C Death from Cancer and Heart Disease by Sex, Ontario, 1972–1980
5.D Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955–1980
5.E Cigarette Smokers, Ontario, 1972–1975, 1977, 1979 and 1981
5.F Volume of Sales of Alcoholic Beverages, Ontario, 1972–73 to 1979–80

Tables:

5.1 Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951–1976
5.2 Doctors, Specialists and Non-Specialists, by County, Ontario, 1981
5.3 Estimated Physicians Resident, Ontario, 1950–1981
5.4 Registered Nurses, Ontario, 1950–1981
5.5 Registered Nurses Employed, by County, Ontario, 1981
5.6 Registered Nursing Assistants Employed, by County, Ontario, 1981
5.7 Dentists Licensed to Practice, Ontario, 1950–1981
5.8 Dentists, by County, Ontario, 1980-1981
5.9 Expenditures on Health, Canada and Ontario, 1970–1979
5.10 Expenditures per Person on Health, Canada and Ontario, 1970–1979
5.11 Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1979–1981
5.12 Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1966 to 1980–81
5.13 Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days Per Stay by Sex, Canada and Ontario, Selected Years, 1968–1978
5.14 Reported Cases of Notifiable Diseases, Canada and Ontario, 1979–1981
5.15 Notifiable Diseases and Rates, Ontario, 1979–1981
5.16 Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1971–1980
5.17 Deaths from All Forms of Tuberculosis and Rates, Canada and Ontario, 1950–1980
5.18 Notified Cases of Active Tuberculosis, by County, Ontario, 1980
5.19 Tuberculosis by Site and Type of Disease Among Canadian-Born, Registered Indians and Foreign-Born, Ontario, 1980
5.20 Deaths Attributed to Tuberculosis, Ontario, 1980
5.21 Number of Special Care Facilities and Maximum Beds, by Type of Ownership, Canada and Ontario, 1979–1981–82
5.22 Number of Special Care Facilities and Maximum Beds by Principal Characteristics, Canada and Ontario, 1979–1981–82
5.23 Patients on the Books and Admissions of Psychiatric Facilities by Age Group, Ontario, 1962 to 1980–81
5.24 Mental and Psychiatric Hospital Admission Rates, Canada and Ontario, 1970–1979–80
5.25 Mental and Psychiatric Hospitals, Reporting Facilities and Admissions, Canada and Ontario, 1970–1979–80
5.26 Average Daily Population of Mental Retardation Facilities and Psychiatric Institutions, Ontario, 1950–1981
5.27 Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1979–80
5.28 Discharges and Discharge Rates from Psychiatric Facilities by Age Group, Ontario, 1960–1980–81
5.29 Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1980–81
5.30 OHIP Claim Payments by Category Distribution and Service, Ontario, 1976–77 to 1980–81
5.31 Per Capita Cost of OHIP Insured Population by Category Distribution and Service, Ontario, 1977–78 to 1980–81

5.32 Distribution of OHIP Payments for Services Rendered by Physicians, Ontario, 1980–81
5.33 Cigarette Smokers, Canada and Ontario, 1974–1981
5.34 Sale of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1974–75 to 1979–80
5.35 Deaths and Death Rates from Alcohol-Related Problems and Estimated Prevalence of Alcoholism, Canada and Ontario, 1971–1979
5.36 Drug-Related Offences by County, Ontario, 1978
5.37 Alcohol-Related Offences by County, Ontario, 1978

Education

Graphs:

6.A School Enrolments, Ontario, 1969–1980
6.B Pupil/Teacher Ratio, Ontario, 1963–1980
6.C Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population, Canada and Ontario, 1973–74 to 1980–81
6.D Expenditures on Education per Full-Time Student, at all Levels, Canada and Provinces, 1978 and 1979
6.E Expenditures on Education per Capita of the Labour Force, at all Levels, Canada and the Provinces, 1978 and 1979

Tables:

6.1 Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1978–79 and 1979–80
6.2 Enrolment in Private and Public Schools, Canada and Ontario, 1960–61 to 1983–84
6.3 Elementary School Enrolment by Age and Sex, Ontario, 1980 and 1981
6.4 Enrolment in Elementary and Secondary Schools by Sex and Grade Group, Canada and Ontario, Selected Years, 1975–76 to 1980–81
6.5 Secondary School Enrolment by Age and Sex, Ontario, 1980 and 1981
6.6 Public School Enrolment by Year, Ontario, 1970–1981
6.7 Elementary and Secondary School Enrolment by Grade, Ontario, 1960–1981
6.8 Private School Enrolment by Grade Level and Sex, Ontario, 1974–1981
6.9 Roman Catholic Separate School Enrolment by Grade, Ontario, 1972–1981
6.10 Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1970–1981
6.11 English-Speaking Elementary School Pupils Enrolled in French Classes, Ontario, 1970–1981
6.12 Enrolment of Registered Indians in Federal Schools by Grade, Canada and Ontario, Selected Years, 1960–61 to 1981–82
6.13 Enrolment of Registered Indians in Provincial and Private Schools by Grade, Canada and Ontario, Selected Years, 1960–61 to 1981–82
6.14 Enrolment in Schools for the Blind, Canada and Ontario, 1975–76 to 1980–81
6.15 Enrolment in Schools for the Deaf, Canada and Ontario, 1975–76 to 1980–81
6.16 Enrolment in French as Second Language, Canada and Ontario, 1973–74 to 1980–81
6.17 Adult Training Enrolment at Colleges of Applied Arts & Technology, Ontario, 1973–1981
6.18 Industrial Training Branch Major Program Statistics, Ontario, 1973–74 to 1981-82
6.19 University Enrolment, by Sex, Canada and Ontario, 1975–76 to 1980–81
6.20 Total Enrolment at University by Institution, Ontario, 1980 and 1981
6.21 Full-Time Post-Secondary Enrolment at Colleges of Applied Arts and Technology, Ontario, 1980-81 to 1981-82
6.22 Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1978–79 to 1980–81
6.23 Part-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1978–79 to 1980–81
6.24 Diplomas and Certificates Awarded by Community Colleges and Related Institutions, by Type of Institution and Sex, Canada and Ontario, 1967–68 to 1979–80
6.25 Secondary School Student Certificates and Diplomas, Ontario, 1975–1981
6.26 Teacher Graduates by Faculty, Grade and Division, Ontario, 1981
6.27 Graduates of Colleges of Applied Arts & Technology, Ontario, 1975–76 to 1980–81
6.28 University Degrees Awarded by Sex, Canada and Ontario, 1972 to 1982
6.29 Schools, Teachers and Enrolment in French Language Elementary Schools, Ontario, 1960–1981
6.30 Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981
6.31 Total Full-Time University Teachers by Sex, Degree and Age, Ontario 1977–78 to 1980–81
6.32 Total Full-time Teachers by Sex, Highest Qualification and Age, at Colleges of Applied Arts and Technology, Ontario 1980–81 to 1981–82
6.33 Average Academic Salaries by Rank at Universities, Ontario, 1974–75 to 1980–81
6.34 Average Academic Salaries by Rank at Colleges of Applied Arts and Technology, Ontario 1976–77 to 1980–81
6.35 Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1970–1979
6.36 Ontario Graduate Scholarships, 1974–75 to 1980–81
6.37 Ontario Student Assistance Program, 1980–81

6.38 Summary of Financial Statistics of School Boards, Ontario, 1979 and 1980
6.39 Local Taxation for Education, Ontario, 1968–1980
6.40 School Board Expenditures and General Legislative Grants, Ontario, 1969–1981
6.41 Comparison of Ontario Population and Publicly Supported Elementary and Secondary School Enrolment by Selected Age Groups, 1970–1981
6.42 Public Education in Ontario, 1981
6.43 French as a Second Language, Canada and Ontario, 1970–71 to 1980–81
6.44 In-service Programs Completed by Teachers, Ontario, 1980–81

Crime and Justice

Graphs:

7.A Rate of Offences per 100,000 Population, Canada and Ontario, 1979 and 1980
7.B Juvenile Delinquents by Age, Ontario, 1976–1980
7.C Admission to Provincial Jails, by Age, Ontario, 1972–73 to 1980–81
7.D Persons Killed in Motor Vehicle Accidents, Ontario, 1970–1980

Tables:

7.1 Number of Adults Charged by Offence Group, Canada and Ontario, 1973–1980
7.2 Number of Actual Offences, Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1973–1980
7.3 Rate of Actual Offences per 100,000 Population (for the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979 and 1980
7.4 Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario, 1979 and 1980
7.5 Number of Juveniles Charged by Offence Group, Canada and Ontario, 1973–1980
7.6 Nature of the Court Decision Rendered for Juveniles Appearing in Court, Canada Ontario, 1976–1980
7.7 Sex and Age of Juveniles Appearing in Court for Charges of Delinquency, Canada and Ontario, 1976–1980
7.8 Number of Juveniles Appearing in Court by Nature of the Delinquency, Canada and Ontario, 1976–1980
7.9 Percentage Distribution of Sentences Imposed for Individual Offences by Offence Category, Ontario, 1981–82
7.10 Use of Jail and Detention Centre Accommodation, by Institution, Ontario, 1981–1982
7.11 Percentage Distribution of Persons Admitted to Provincial Jail by Age and Sex, Ontario, 1981–82
7.12 Motor Vehicle Accidents, Ontario, 1950–1980
7.13 Motor Vehicle Accidents, by County, Ontario, 1980

Recreation and Tourism

Graphs:

8.A Provincial Park Attendance, 1961–1981
8.B Participation in Selected Recreational Activities by Rate, Ontario, 1974
8.C Residents of Countries other than U.S.A. Entering Canada by Type of Transportation, Canada and Ontario, 1976–1981
8.D Canadian Vehicles Returning from the United States, Canada and Ontario, 1976–1981

Tables:

8.1 Provincial Parks Summary, Ontario, 1961–1981
8.2 Provincial Park Camping Attendance, Ontario, 1963–1981
8.3 Provincial Parks Summary Table of Economic Impacts, 1981
8.4 Number of Person-Trips and Expenditure by Travellers in Ontario, by Origin, 1980–1981
8.5 Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1976–1980
8.6 Outboard Motors, Canada and Ontario, Selected Years, 1970–1980
8.7 Vacation Homes, Canada and Ontario, Selected Years, 1974–1980
8.8 Adult-Size Bicycles, Canada and Ontario, 1976–1980
8.9 Snowmobiles, Canada and Ontario, 1975–1980
8.10 Principal Statistics of Motion Picture Theatres by Selected City, Canada and Ontario, 1975–1980
8.11 Principal Statistics of Drive-In Theatres, Canada and Ontario, 1968–1980
8.12 Principal Statistics for Hotels, Canada and Ontario, 1975–1980
8.13 Nature of Receipts, Hotels, Canada and Ontario, 1975–1980
8.14 Non-Resident Travellers Entering Canada by Place of Residence, Canada and Ontario, 1974–1981
8.15 Canadian Resident Travellers Returning from the United States by Type of Transportation, Canada and Ontario, 1969–1981
8.16 U.S. Residents Entering Canada by Type of Transportation, Canada and Ontario, 1975–1981
8.17 Residents of Countries other than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1975–1981
8.18 Canadian Vehicles Returning from the United States, Canada and Ontario, 1969–1981
8.19 U.S. Vehicles Entering Canada, Canada and Ontario, 1969–1981
8.20 Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario, 1950–1981

Housing and Household Equipment

Graphs:

9.A Consumer Price Indexes by Selected Housing Components and All Items, Canada, 1963–1981
9.B Households with Selected Facilities and Equipment, Ontario, 1971-1981
9.C Automobiles, Ontario, 1972–81
9.D Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1976–1981

Tables:

9.1 National Housing Stock, by Province, Canada, Census Years, 1951–1976
9.2 Crowding, by Province, Canada, Census Years, 1951–1971
9.3 Size of Household, Canada and Ontario, 1968–1981
9.4 Tenure and Type of Dwelling, Canada and Ontario, 1968–1981
9.5 Rooms and Bedrooms per Dwelling, Canada and Ontario, 1968–1981
9.6 Newly Completed and Unoccupied Dwellings, by Census Metropolitan Area, Ontario, Quarterly 1978–1981
9.7 Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area, Ontario, 1979–1981
9.8 Apartment Vacancy Rates, by Census Metropolitan Area, Ontario, 1975–1981
9.9 Consumer Price Indexes by Selected Housing Components and All Items, Canada, 1963–1981
9.10 Water Supply and Source of Water, Canada and Ontario, 1968–1981
9.11 Principal Heating Fuel and Equipment, Canada and Ontario, 1971–1981
9.12 Households with Supplementary Heating Equipment, Canada and Ontario, 1979 and 1981
9.13 Fuel for Supplementary Heating Equipment, Canada and Ontario 1979 and 1981
9.14 Toilet and Installed Bath Facilities, Canada and Ontario, 1968–1981
9.15 Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers, Canada and Ontario, 1968–1981
9.16 Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1968–1981
9.17 Vacuum Cleaners, Portable Humidifiers, Microwave Ovens and Electric Sewing Machines, Canada and Ontario, 1971–1981
9.18 Wall-to-Wall Carpeting and Fireplaces, Canada and Ontario, 1972–1981
9.19 Telephones and Radios, Canada and Ontario, 1968–1981
9.20 Black and White and Colour Television Sets, Canada and Ontario, 1968–1981
9.21 Record Players and Tape Recorders, Canada and Ontario, 1968–1981
9.22 FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1968–1981
9.23 Automobiles and Garages, Canada and Ontario, 1968–1981
9.24 Households with Automobiles, Showing Numbers with and Without Radios and FM Radios, Canada and Ontario, 1968–1981
9.25 Snowblowers and Lawn-Mowers, Canada and Ontario, Selected Years, 1970–1980

Media and Communications

Graphs:

10.A Telephone Calls Per Telephone, Ontario, 1975–1980
10.B Telephones by Type of Service, Ontario, 1975–1980
10.C AM, FM and TV Originating Stations, Canada and Provinces, March, 1982
10.D Stock and Circulation for All Public Libraries, Ontario, 1966–1980

Tables:

10.1 Telephones in Selected Telephone Exchanges, Ontario, 1980
10.2 Telephone Calls, Canada and Ontario, 1975–1980
10.3 Telephones by Type of Service, Canada and Ontario, 1975–1980
10.4 Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1973–1979
10.5 Television Stations, by Language, Canada and Provinces, March 1982
10.6 AM and FM Stations, by Language, Canada and Provinces, March 1982
10.7 Stock and Circulation for all Public Libraries, Canada and Ontario, 1960–1980
10.8 Circulation of Selected Daily Newspapers, Ontario 1976–1981
10.9 Selected Magazines Ranked by Circulation, Canada and Ontario, 1976–1981

Labour

Graphs:

11.A The Labour Force, Ontario, 1978–1982
11.B Participation Rates of Population 15 Years of Age and Over, Seasonally-Adjusted, Canada and Ontario, 1978–1982
11.C Unemployment Rates, Seasonally-Adjusted, Canada and Ontario, 1978–1982
11.D Wages and Salaries, Canada and Ontario, 1975–1982
11.E Average Hourly Earnings in Manufacturing, Canada and Ontario, 1978–81
11.F Strikes and Lockouts, Ontario, 1964–1981

Tables:

11.1 Labour Force by Age Group, Ontario, 1950–1981
11.2 Summary Labour Force Characteristics by Province, Canada, 1974–1981

11.3 Employment as a Percentage of Population 14 Years of Age and Over, Canada and Ontario, 1953–1981
11.4 Participation Rates by Sex, Canada and Ontario, 1953–1981
11.5 Participation Rates by Age Group, Ontario, 1956–1981
11.6 Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950–1981
11.7 Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1970–1981
11.8 Non-Agricultural Labour Force, by Region, Canada, 1965–1981
11.9 Labour Force and Employed by Industry, Ontario, 1971–1981
11.10 Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1971–1981
11.11 Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area, Ontario, 1977–1981
11.12 Labour Force and Employed by Occupation, Ontario, 1978–1981
11.13 Employment Index Numbers, Industrial Composite, by Selected Urban Area, Ontario, 1975–1981
11.14 Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1966–1981
11.15 Employment by Sex, Canada and Ontario, 1953–1981
11.16 The Employed by Class of Worker, Ontario, 1967–1981
11.17 Unemployed Persons by Family Status, Ontario, 1967–1981
11.18 Unemployment Rates by Age and Sex, Ontario, 1957–1981
11.19 Unemployed Persons by Occupation, Canada and Ontario, 1977–1981
11.20 Duration of Unemployment, Canada and Ontario, 1975–1981
11.21 Distribution of Membership of Reporting National Labour Organizations by Affiliation, Canada and Ontario, 1971–1979
11.22 Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1971–1979
11.23 Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1969–1979
11.24 Strikes and Lockouts, Ontario, 1958–1981

Income

Graphs:

12.A Provincial Income and Gross Provincial Product, Ontario, 1955–1980
12.B Personal Income Per Person, Canada and Ontario, 1955–1980
12.C Minimum Hourly Wages, Ontario, 1969–1981
12.D Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Ontario, 1955–1981

Tables:

12.1 Provincial Income and Gross Provincial Product, Ontario, 1973–1980
12.2 Gross Provincial Expenditure, Ontario, 1973–1980
12.3 Summary of Personal Income, Canada and Ontario, 1950–1980
12.4 Personal Income, by Province, Canada, 1953–1980
12.5 Personal Income per Person, by Province, Canada, 1953–1980
12.6 Personal Disposable Income, by Province, Canada, 1953–1980
12.7 Percentage Distribution of Low Income Families and Unattached Individuals and of Other Families and Unattached Individuals, by Region, 1976–1980
12.8 Incidence of Low Income Among Families and Unattached Individuals, by Region, 1975–1980
12.9 Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1976–1980
12.10 Minimum Hourly Wages, Ontario, 1965–1981
12.11 Average Weekly Earnings by Industry, Ontario, 1962–1981
12.12 Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950–1981
12.13 Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1970–1981
12.14 Basic Construction Union Wage Rates, by Selected City, Ontario, 1981–1982
12.15 Percentage of Office Employees who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1968–1980
12.16 Percentage of Non-Office Employees who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1968–1980
12.17 Total Income and Taxable Income, by Region, Canada, 1974–1980
12.18 Taxable Returns, by County, Ontario, 1979 and 1980
12.19 Taxable Returns, by Selected City, Ontario, 1975–1980

Prices

Graphs:

13.A Consumer Price Indexes by Item, Canada, 1968–1981
13.B Price Indexes: Implicit (Gross National Expenditure), Canada, 1965–1981
13.C Index Number of Farm Prices of Agricultural Products, Ontario and Canada, 1971–1981
13.D Export and Import Price Indexes, by Selected Commodity Group, Canada, 1978–1981

Tables:

13.1 Consumer Price Indexes, Canada and Selected Ontario Cities, 1965–1981

13.2 Trade Price Indexes by Commodity Group, Canada, 1968–1981
13.3 Implicit Price Indexes, Gross National Expenditure, Canada, 1961–1981
13.4 Industry, Secondary Metals and Energy Price Indexes, Canada, 1961–1981
13.5 Farm Input Price Indexes, Eastern Canada, Western Canada and Canada, 1975–1981
13.6 Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada, 1971–1981
13.7 Raw Materials Price Indexes, Canada 1977–1981
13.8 Building Construction Input Price Indexes, Canada and Ontario, 1961–1981
13.9 New Housing Price Indexes, by Metropolitan Areas, 1971–1981
13.10 Machinery and Equipment Price Indexes, Canada, 1971-1981

Finance

Graphs:

14.A Relative Importance of Major Revenue Sources Ontario, 1978–79 to 1982–83
14.B Relative Importance of Major Expenditure Functions, Ontario, 1978–79 to 1982–83
14.C The Budget Dollar, Ontario, 1982–83
14.D Marketable Bond Issues and Retirements, Ontario, 1975 to 1981
14.E Cheques Cashed against Individual Accounts, Canada, Ontario and Toronto, 1945–1981
14.F Toronto Stock Exchange — Industrial Index, 1964–1982
14.G Growth in the Number of Corporations, Ontario, 1961 to 1981–82
14.H Outstanding Balances of Consumer Credit, Canada, 1973–1980

Tables:

14.1 Ten Year Review, Ontario, 1973–74 to 1982–83
14.2 Revenue, Ontario, 1980–81 to 1982–83
14.3 Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1980–81 to 1982–83
14.4 Federal Government Payments to Ontario, 1980–81 to 1982–83
14.5 Payments into Trust Accounts, Ontario, 1980–81 to 1982–83
14.6 Repayment of Loans and Advances, Ontario, 1980–81 to 1982–83
14.7 Municipal Revenue Fund, Revenues, Ontario, 1968–1980
14.8 Municipal Revenue Fund, Expenditures, Ontario, 1968–1980
14.9 Municipal Revenue Fund, Revenues, by Upper Tier, Ontario, 1980
14.10 Municipal Revenue Fund, Expenditures, by Upper Tier, Ontario, 1980
14.11 Municipal Capital Fund, Ontario, 1969–1980
14.12 Municipal Capital Fund, by Upper Tier, Ontario, 1980
14.13 Government Revenues, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1973–1980
14.14 Federal and Provincial Bond Issues and Retirements, Canada, 1968–1981
14.15 Marketable Bond Issues and Retirements, Ontario, 1977–1981
14.16 Official International Reserves, Canada, 1953–1981
14.17 Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972–1981
14.18 Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960–1981
14.19 Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1970–1982
14.20 Toronto Stock Exchange — TSE 300 Composite Index, 1956–1982
14.21 Number of Active Corporations, Ontario, 1956 to 1980–81
14.22 New Corporations, Ontario, 1951 to 1980–81
14.23 Business Bankruptcies by Industry and Region, Canada and Ontario

Trade

Graphs:

15.A Imports and Exports, Ontario, 1974–1981
15.B Exports, Canada and Ontario, 1975–1981
15.C Composition of Exports, Ontario, 1977–1981
15.D Retail Trade Annual Sales, Canada and Ontario, 1955–1981
15.E Value of Retail Trade by Kind of Business, Ontario, 1950–1981

Tables:

15.1 Exports to Principal Trading Areas, Canada and Ontario, 1972–1981
15.2 Merchandise Trade with Selected Countries, Canada, 1965–1981
15.3 Exports by Commodity Section, Canada and Ontario, 1976–1981
15.4 Imports by Commodity Section, Canada and Ontario, 1976–1981
15.5 Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950–1981
15.6 Value of Retail Trade by Kind of Business, Canada and Ontario, 1962-1981
15.7 Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1956–1981
15.8 Department Store Sales, by Province, Canada, 1976–1981
15.9 Retail Chains, Canada and Ontario, 1978–1980
15.10 Retail Chain Stores by Selected Localities, Ontario, 1980
15.11 Department Store Outlets, by Selected Localities, Ontario, 1980

Agriculture

Map:

16.A Change in Improved Farmland, 1976–1981

Graphs:

16.B Farm Size, by Region, Ontario, 1951 and 1981
16.C Number of Farms by Size Group, Ontario, Census Years, 1961–1981
16.D Current Values of Farm Capital by Item, Canada and Ontario, 1950–1981
16.E Fruit Production by Selected Type, Ontario, 1950–1981
16.F Number of Livestock on Farms by Class, Canada and Ontario, 1950–1981
16.G Production of Eggs, Ontario, 1975–1980
16.H Flower Production, Ontario, 1978–1980

Tables:

16.1 Estimates of Farm Numbers, by Province, 1976, 1979 and 1981
16.2 Current Values of Farm Capital by Item, Canada and Ontario, 1950–1981
16.3 Farm Net Income, Ontario, 1976–1981
16.4 Farm Operating Expenses and Depreciation Charges, Ontario, 1976–1981
16.5 Income of Farm Operators from Farming Operations by Component, Canada and Ontario, 1952–1981
16.6 Farm Cash Receipts from Farming Operations, by Product, Ontario, 1977–1981
16.7 Agricultural and Food Imports and Exports, Ontario, 1978–1981
16.8 Agricultural and Food Exports, Ontario, 1970–1981
16.9 Vegetable Production by Selected Type, Ontario, 1956–1981
16.10 Vegetable Production, Acreage and Value, Ontario, 1979–1980
16.11 Fruit Production, Acreage and Value, Ontario, 1979–1980
16.12 Fruit Production by Selected Type, Ontario, 1950–1981
16.13 Number of Livestock on Farms by Class, Canada and Ontario, at June 1, 1950–1974, July 1, 1975–1981
16.14 Milk Production and Cash Receipts, Sold off Farms, Ontario, 1978–1981
16.15 Crop Yields and Acreage, Ontario, 1978–1981
16.16 Production and Disposition of Eggs, Ontario, 1975–1980
16.17 Flower Production by Type, and Total Value, Canada and Ontario, 1978–1980

Fisheries and Wildlife

Graphs:

17.A Commercial Fish Harvest, Ontario, 1955–1981
17.B Unit Value of Commercial Fish Harvest, Ontario, 1955–1981
17.C Employment in Commercial Fishery, Ontario, 1966–1980
17.D New Investment in Commercial Fishery, Ontario, 1966–1980
17.E Commercial Fishing Licences, Ontario, 1950–1981
17.F Hunting Harvest by Type, Ontario, 1970–1980
17.G Total Value of Wild Fur Pelts by Type, Ontario, 1980 and 1981
17.H Average Pelt Value by Type, Ontario, 1980 and 1981

Tables:

17.1 Number of Angling Licences Sold to Non-Residents, Ontario, 1966–1981
17.2 Commercial Fish Harvest, Ontario, 1956–1981
17.3 Commercial Fish Harvest by Species, Ontario, 1969–1981
17.4 Commercial Fish Harvest by Waters, Ontario, 1962–1981
17.5 Commercial Fishing Licences, Ontario, 1950–1981
17.6 Employment and Investment in Commercial Fishery, Ontario, 1963–1980
17.7 Number of Hunting Licences Sold by Type, Ontario, 1953–1981
17.8 Hunting Harvest by Type, Ontario, 1969–1980
17.9 Wild Fur Harvest and Value, Ontario, 1981
17.10 Production of Ranch-Raised Fox and Mink Pelts, Ontario, 1964–1980
17.11 Licenced Fur Farms by County, Ontario, 1967–1981

Forestry and Mining

Graphs:

18.A Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1980
18.B Forest Fires, Acres Burned, Ontario, 1955–1980
18.C Value of Mineral Production, Ontario, 1964–1981

Tables:

18.1 Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1950–1980
18.2 Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1973–1980
18.3 Principal Manufacturing Statistics for Sawmills and Planing Mills (Excluding Shingle Mills), Canada and Ontario, 1977–1980
18.4 Shipments of Roundwood, by the "Logging Industry", Canada and Ontario, 1975–1980
18.5 Volume of Paper Production by Kind, Ontario, 1950–1980
18.6 Depletion of Forest Resources, Ontario, 1974–1980
18.7 Forest Fires by Cause, Ontario, 1962–1980
18.8 Forest Fires, Canada and Ontario, 1950–1980
18.9 Forest Fires, by Size Class, Canada and Ontario, 1950–1980

18.10 Value of Mineral Production, Ontario, 1960–1981
18.11 Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960–1981
18.12 Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1979–1981
18.13 Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1978–1981

Energy

Map:

19.A Ontario Hydro System

Graphs:

19.B Primary Fuel Supply, Production of Electricity and Steam and Energy Exports, Ontario, 1979
19.C Energy Consumption by Commodity Group, Ontario, 1965–1979
19.D Energy Made Available, Ontario Hydro, 1969–1981
19.E Disposal of Energy, Ontario Hydro, 1969–1981
19.F Primary and Secondary Energy Sales, Ontario Hydro 1963–1981
19.G Primary Revenues, Ontario Hydro, 1971–1981

Tables:

19.1 Primary Fuel and Electricity, Ontario, 1968–1979
19.2 Secondary Energy: Petroleum Products, Ontario, 1962–1979
19.3 Secondary Energy: Supply of Coal Products, Ontario, 1962–1979
19.4 Secondary Energy, Generation of Secondary Electricity, Ontario, 1962–1979
19.5 Energy Consumption by Use Sector, Ontario, 1961–1979
19.6 Energy Consumption by Commodity Group, Ontario, 1963–1979
19.7 Efficiency of Energy Commodity Conversion, Ontario, 1963–1979
19.8 Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975–1979
19.9 Energy Sales, Ontario Hydro, 1973–1981
19.10 Percentage of Energy Supply by Source, Ontario Hydro, 1951–1981
19.11 Primary Energy Made Available, Ontario Hydro, 1952–1981
19.12 Generation of Energy, Canada and Ontario, 1976–1981
19.13 Electric Energy Distributed to Residential and General Services by Ontario Hydro, by Selected Urban Area, Ontario, 1977–1981
19.14 Number of Ultimate Customers Served Directly or Indirectly by Ontario Hydro, 1961–1981
19.15 Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1964–1981
19.16 Installed Generating Capacity, Canada and Ontario, 1975–1980
19.17 Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1974–1981
19.18 Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1974–1981
19.19 Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1976–1981
19.20 Share Index of Consumption of Energy per Person per Sector of the Economy by Province, 1979 and 1980
19.21 Program Funding Allocations by the Federal and Ontario Governments for Alternative Renewable Energy and for Energy Conservation
19.22 Ratio of Value of Shipments of Goods of Own Manufacture to Cost of Fuel and Electricity, Canada and Provinces, 1957–1979

Manufacturing

Map:

20.A Change in Manufacturing Employment, 1974 to 1979

Graphs:

20.B Principal Statistics of Manufacturing, Ontario, 1965–1979
20.C Motor Vehicle Production, Canada, 1961–1981
20.D Annual Production of Steel Ingots and Steel Castings for All Industries, Canada and Ontario 1972–1978
20.E Comparison of Gross Domestic Product with the Index of Industrial Production, Canada, 1973–1981

Tables:

20.1 Principal Statistics of Manufacturing, Ontario, 1951–1979
20.2 Principal Manufacturing Statistics by Industry Group, Ontario, 1978 and 1979
20.3 Principal Manufacturing Statistics by County, Ontario, 1977 and 1978
20.4 Principal Manufacturing Statistics by Type of Ownership, Ontario, 1978 and 1979
20.5 Selected Principal Statistics of the Leading Industries, Canada and Ontario, 1979
20.6 Destination of Shipments from Ontario Manufacturers, Selected Years, 1967–1979
20.7 Motor Vehicle Production, Canada, 1951–1981
20.8 Annual Production of Steel Ingots and Steel Castings for All Industries, by Region, Canada, 1973–1978
20.9 Gross National Product and Index of Industrial Production, Canada, 1952–1981
20.10 Ontario Gross Domestic Product, by Selected Industries, 1971–1979
20.11 Ontario's Proportion of Gross Domestic Product by Selected Industries, 1971–1979

20.12 Gross Domestic Product by Industry in Constant (1971) Prices, Canada, 1971–1980

Investment and Construction

Graphs:

21.A Private and Public Investment, All Sectors, Ontario, 1960–1982
21.B Total Value of Construction Work Performed, Ontario, 1960–1981
21.C Number of Building Permits Issued, Ontario, 1970–1981
21.D Total Value of Building Construction by Type of Structure, Ontario, 1955–1981
21.E Number of Dwellings Started, Completed, and Under Construction, Ontario, 1960–1981
21.F Dwelling Starts by Type, Ontario, 1960–1981
21.G Capital and Repair Expenditures by Type, Ontario, 1976–1982

Tables:

21.1 Private and Public Investment, Canada and Ontario, 1950–1982
21.2 Private and Public Investment by Sector, Ontario, 1950–1982
21.3 Capital and Repair Investment by Type, by Province, Canada, 1976–1982
21.4 Capital and Repair Investment by Type, Canada and Ontario, 1976–1982
21.5 Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1976–1982
21.6 Components of Private and Public Investment, Ontario, 1960–1981
21.7 Total Value of Building Construction by Type of Structure, Ontario, 1952–1981
21.8 Total Value of Engineering Construction by Type of Structure, Ontario, 1952–1981
21.9 Value of Constuction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956–1981
21.10 Total Value of Construction Work Performed, Ontario, 1952–1981
21.11 Number and Value of Building Permits Issued, by Province, Canada 1981
21.12 Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966–1981
21.13 Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950–1981
21.14 Dwelling Starts by Type, Canada and Ontario, 1959–1981
21.15 Dwelling Starts by Type, by Census Metropolitan Area, Ontario, 1970–1981
21.16 Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area, Ontario, 1979–1981
21.17 Dwelling Starts by Type of Financing, Canada and Provinces, 1980–1981
21.18 Vacancy Rates in Apartments Privately and Publicly Initiated, for Selected Metropolitan Areas, 1980 and 1981

Transportation

Graphs:

22.A Motor Vehicle Registrations, Ontario, 1955–1981
22.B Highway and Road Mileages, Ontario, 1974–1980
22.C St. Lawrence Seaway Tonnage, 1960–1981
22.D St. Lawrence Seaway Transits, 1960–1981
22.E Distribution of Total Aircraft Movements at Air Traffic Controlled Airports by Selected City, Ontario, 1980

Tables:

22.1 Motor Vehicles Registrations, Canada, 1965–1980
22.2 Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1979–1981
22.3 Highway and Road Kilometres Ontario, 1975–1980
22.4 International and Mainline Domestic Flights, by Selected City, Ontario, 1980
22.5 Distribution of Total Aircraft Movements at Air Traffic Controlled Airports, by Selected City, Ontario, 1980
22.6 Tonnage and Transits, St. Lawrence Seaway, 1959–1981
22.7 Saint Lawrence Seaway, Traffic Summary by Type of Cargo, 1969–1981
22.8 Saint Lawrence Seaway, Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969–1981
22.9 Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1975–1979

Qualifying Remarks

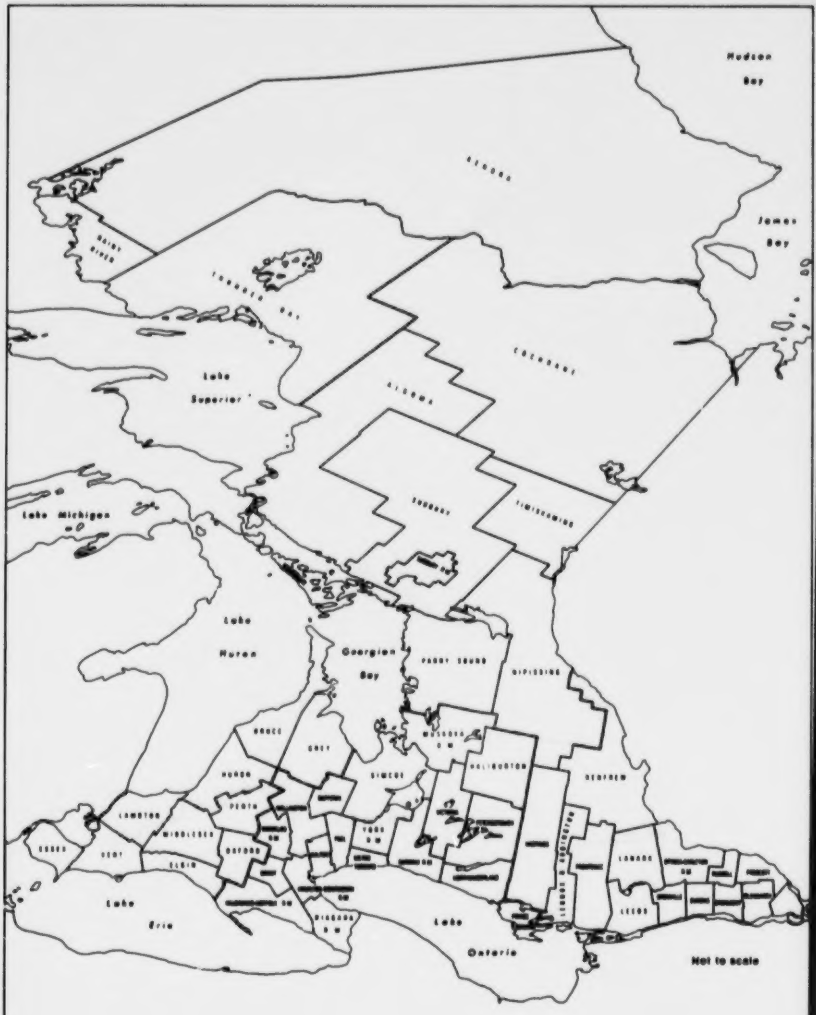
The following symbols have been used in the tables:

..	figures not available
...	figures not appropriate or not applicable
-	nil or zero
--	amount too small to be expressed
p	preliminary figures
r	revised figures

In some tables figures will not add due to rounding. All tables with Census of Population as source will not normally add due to rounding methodology, see Appendix II.

In the highlights the terms billion and trillion correspond to 10^9 and 10^{12} respectively.

Sub-provincial information has normally been supplied at county level, but in some cases regional information is reported. The reader should be cautious when using such data to ensure that regional descriptions do not differ. In the case of Planning Regions, used extensively within the Ministry of Treasury and Economics for regional studies, the Map of Ontario, which follows, provides clear description of the areas assigned to each region.


Hudson Bay
James Bay
Lake Superior
Lake Michigan
Lake Huron
Georgian Bay
Lake Erie
Lake Ontario
Not to scale
Bruce
Grey
Huron
Simcoe
Perth
Lambton
Middlesex
Essex
Kent
Elgin
Oxford
Haliburton
Renfrew
Lanark
Leeds

Province of Ontario

Boundaries

County, District, Regional Municipality

Planning Region (alternatively called "Economic Development Region")

Part 1

Social Series

Section 1

Physiography and Natural Environment

Highlights

- **Physiography** – The Province of Ontario encompasses the following areas of land and water.

	Square Miles	*Hectares*
Land	344,092	89,121,360
Water	68,490	17,739,215
Great Lakes (under Ontario jurisdiction)	29,501	7,637,498
Other lakes & streams	38,989	10,101,717
TOTAL	412,582	106,860,575

Source Surveyor General of Ontario, Ontario Ministry of Natural Resources

All of the land and water area in the province can be apportioned into watersheds or drainage basins.

There are 18 major drainage basins in Ontario. Twelve of these are in the southern portion of the province. Approximately 72% of Ontario's population live in the 10 major watersheds of the Lake Ontario and Lake Erie drainage basins. These watersheds contain only 5.2% of the total land area of the Province.

- **Climate** – Ontario's climate is characterized by cold winters and warm summers. Mean temperatures can vary by as much as 35 degrees C. between the winter and summer seasons.

Since winter precipitation is stored as snow, stream flows in the spring months may be many times the low flows of other seasons. Some river flows vary from no flow at all to hundreds of cubic meters per second, which has resulted in major flooding problems.

Thunder Bay in Northern Ontario receives more bright sunshine than does Toronto. The amounts of solar radiation received in most Ontario cities are deemed sufficient for solar energy applications. The values for "degree days below 18°C" indicate the heating requirements for buildings in the cities listed.

- **Environmental Quality** – The Environmental Quality statistics presented in this Section are focused on pollution issues, and are organized as follows:

1. Emission and discharges – sources of stress.
2. Environmental objectives – standards, guidelines and criteria established by Local, Provincial, Federal and International agencies.
3. Ambient quality conditions – concentrations or levels of contaminants in the air, land or water.
4. Environmental effects – damages and problems caused by pollutants.
5. Pollution abatement and environmental protection efforts – sewage and water treatment facilities, legal and administrative actions by governments and financial resources spent on pollution control activities.

To the extent possible, the data are presented on the basis of ecological units such as watersheds.

- **Emissions and Discharges** – The total quantity of man-made air pollution emissions that are inventoried currently amount to about 6.1 million tonnes of contaminants on an annual basis. Inventories of five categories of airborne contaminants are compiled for the entire province and for two metropolitan areas: Hamilton and Metropolitan Toronto. Although comparable emission data are not yet sufficient to determine trends in emission levels, it is clear that sulphur oxides and carbon monoxide are the two major pollutants emitted in the province according to weight, accounting for 82% of all inventoried air pollutants emitted in the province. Electric generating stations and motor vehicles are the primary sources of sulphur oxides and carbon monoxides respectively. Industrial sources are major contributors to sulphur oxides, nitrogen oxides, particulate matter and hydro-carbons.

  There are five Ontario Hydro generating stations and in industrial establishments emitting a total of about 406,000 metric tons of SO_2 annually or about 92% of the total inventoried SO_2 emissions for the province. SO_2 emissions from the industrial sources have generally declined over the past 10 years. While SO_2 emissions from power generating stations have been steady.

  Data on hauled industrial waste liquids and sludges are beginning to become more standardized and reliable. However, because new waste generating sources were added to the system during 1980, trends over time cannot as yet be determined. It appears, however, that approximately 250 to 275 million litres of these waste materials are generated in Ontario each year.

  Pollution to the surface waters of the province comes from six main sources (1) direct discharges from sewage treatments plants, (2) direct discharges from industrial sources, (3) combined storm and sanitary sewer overflows, (4) urban storm water runoff, (5) runoff from agricultural land, (6) deposition from the air in the form of particulate materials or dissolved solids.

  Wastewater discharges from the first two sources are monitored systematically.

  Contributions from the other sources have to be estimated on an annual basis. Approximately 85% of the 1.3 million tonnes of suspended solids discharged into the province each year comes from agricultural runoff. About 86% of the 270,000 tonnes of oxygen-demanding materials (BOD_5) estimated to be discharged to water-courses annually is derived from industrial sources.

- **Environmental Objectives** – Objectives for ambient air quality have been established by Regulation. Criteria for 23 air quality contaminants have been established under Regulation 296. Maximum allowable concentrations at the point of impingement for 84 contaminants are established under Regulation 15 of the Environmental Protection Act, 1971. These values represent the maximum desirable concentration of the contaminants in community air over a specified period of time.

  The Ontario government has not established water quality standards or discharge objectives by Regulation. However, specific water quality objectives and policies are presented in the publication *Water Management: Goals, Policies, Objectives and Implementation Procedures of the Ministry of the Environment*. Nov. 1978.

- **Ambient Quality Conditions**– Air Quality data show that ambient air quality conditions continue to improve throughout the Province. Acidic precipitation, much of which results from the long range transport of air pollutants, occupies a very high priority as an environmental problem in Ontario and Canada.

  Analyses of long-term water quality monitoring stations over the period 1964-1979 indicated that water quality is improving or staying the same in most of the major watersheds or waterbodies in Ontario, including the Great Lakes. Deteriorating water quality was observed only at a few stations in Lake Ontario, Lake Huron and Lake Erie.

- **Environmental Effects** – Pollution can have a wide variety of adverse ecological and physical effects that can be measured in various, physical units. These types of effects include fish kills, fish and aquatic life population changes, human deaths and disease caused by pollution, damages to crops and livestock, etc. The human significance of these effects is more subjective and difficult to measure. One approach is to estimate the dollar value of the physical effects. Some effects obviously have a greater significance than do others.

  While there are substantial amounts of data and information on environmental effects, they tend to be location specific, unsystematic, anecdotal and gathered on a one-time basis only. Fish contamination with heavy metals and trace organic chemicals is an important effect which the government is monitoring. So far only two locations in Northern Ontario, including the Wabigoon River, have fish that are so contaminated that it is recommended that no fish be eaten at all.

  The absence of many obvious, systematic and severe environmental effects and damages in Ontario may be taken as the beneficial results of the pollution abatement and environmental protection efforts that are underway in the Province.

- **Pollution Abatement and Environmental Protection Activities** – As of December 31, 1981, a total of 1,506 waste disposal sites were receiving industrial and municipal solid and liquid wastes and 436 sites were receiving treated sewage sludge. During 1981 there were 1,124 municipal, private and industrial waste haulers approved by the Ministry of the Environment in Ontario.

  Communal sewage treatment plants are in place for approximately 98% of the urban population of the Province or 82% of the total population. Communal water supply systems are now providing drinking water to 98% of Ontario's urban population.

  In 1981, there were 372 sewage treatment plants and 485 water treatment plants in the Province. A total of 218 sewage treatment plants are operated by the Ministry of the Environment, while 95 of the water treatment plants are operated by the Provincial Government. The remainder of the sewage and water treatment plants are operated by local municipalities. Important problems associated with some sewage treatment plants are odours, sewage sludge disposal and contamination with heavy metals (chromium, lead, copper, etc.) and other persistent chemicals.

  About 30% of the 270 million litres of hauled industrial waste liquids and sludges generated in the Province annually are land-filled, 26% are incinerated, 13% receive chemical treatment and 8% or 22 million litres are exported for treatment and/or disposal.

  Between 1980 and 1981, the number of Ministerial Orders (Control Orders, Requirements and Directions, etc.) directing companies, municipalities and individuals to curtail pollution by a specific date increased from 101 to 106. A total of 40 new Control Orders were issued in 1981 while ten control orders were amended or extended in that year. Twenty-three Ministerial Orders were scheduled to be completed during 1981. Ministerial Orders are public documents and may be examined at MOE Regional Offices.

  A total of 79 charges under the Environmental Protection Act, 1971, the Water Resources Act and the Pesticides Act were before the courts during the period, April 1, 1981 through March 31, 1982. The highest fine levied in 1981 was $22,000 against Canadian National Railways.

  An estimated $329 million in capital expenditures were to be spent on air and water pollution abatement devices in 1981 by industrial establishments. This represents a 123% increase over 1980 in constant (1971) dollar terms. The basic iron and steel industry recorded the largest value of water and air pollution control projects approved in 1981 totalling $92 million. The mining and metallurgy industry was second with a planned expenditure of $68 million for air and water pollution control.

  Construction of drainage facilities, water treatment plants, water pumping and distribution systems, sewers and sewage treatment facilities financed by public agencies in Ontario totalled about $606 million in 1981 or about 5% of the total value (in current dollars) of all new and repair construction that occurred in the Province. This represents a 2% increase in expenditure over 1980 in constant (1971) dollars.

  Government spent an estimated $81.0 million during the period April 1, 1981 to March 31, 1982 on pollution control and environmental protection programs, up from $72.9 million during the previous fiscal year. Total expenditures for environmental programs and construction by the provincial government amounted to about 2% of the total provincial government expenditure.

  In addition to the amounts presented in these Tables, financial resources are expended to operate and maintain existing private treatment facilities, to haul and dispose of liquid industrial wastes and sludges, to conduct research, to control air and water emissions at fossil fuel and nuclear power plants, and to offset noise around airports and near highways. Substantial sums are also spent on the development, installation and maintenance of vehicle exhaust emission controls. These data have yet to be compiled.

Definitions

Air pollution Index – A series of numbers expressing the relative levels of air pollution and taking into consideration one or more air contaminants. In Ontario, the air pollution index is derived from measures of sulphur dioxide and particulate matter.

Ambient Quality – The quality of the natural air, water or land as measured by concentration of contaminants.

Acidic Precipitation – Precipitation for which the acidity, as measured by pH, is less than 5.6, the natural pH of precipitation, caused, in large part, by the man made emissions of sulphur and nitrogen oxides into the atmosphere.

Bright Sunshine – The number of hours during which sunlight can be concentrated by a lens to scorch a card.

Carbon Monoxide – A colourless, odourless and toxic gas arising primarily from incomplete combustion of carbonaceous fuels.

Certificate of Approval – By authority of The Environmental Protection Act, 1971 and the Ontario Water Resources Act, all persons and companies must obtain a certificate of approval before constructing or installing any structures or equipment that will cause contaminants to the environment or alter the rate of such emissions.

Coefficient of Haze – The difference in the transmittance of light through clean filter paper and paper which has had outside air drawn through it. Air pollutants reduce the transmittance of light through the filter.

Control Order – By authority of Section 70 of the Environmental Protection Act, 1971, an MOE Regional Director may issue an order that directs a company, municipality or individual to stop polluting air, land or water or to undertake specified pollution abatement activities.

Criteria – As referred to in Regulation 296 of the Environmental Protection Act, 1971, the maximum acceptable concentration of the contaminant in community air over a specified sampling time period. These criteria are not legally binding, but provide guidance for the design of air pollution control devices and emission sources.

Degree Days – The sum of the daily differences between 18°C and the average daily temperature (when temperature is less than 18°C) for a given time period – e.g. a month or a year. This measure is used to calculate the heating requirements of buildings.

Environment
The Environmental Assessment Act, 1975, of Ontario defines environment as:

(i) Air, land or water,
(ii) plant and animal life, including man,
(iii) the social economic and cultural conditions that influence the life of man or community,
(iv) any building, structure, machine or other device or thing made by man,
(v) any solid, liquid, gas, odour, heat, sound, vibration or radiation resulting directly or indirectly from the activities of man,
(vi) any part or combination of the foregoing and the interrelationships between any two or more of them, in or of Ontario.

Environmental Protection – Activities that prevent pollution and environmental damages in the future.

Five-day Biochemical Oxygen Demand (BOD.) – A measure representing the amount of dissolved oxygen that is required from water during the bacterial decay of organic pollutants. It is the difference in oxygen concentrations of a water sample after five days of incubation.

Hauled Industrial Wastes – Liquids and Sludges – wastes that may contain toxic or other troublesome or hazardous materials. Waste liquids may or may not contain water and are distinguished from large continuous flows of waste waters that are generated by many industrial establishments.

IJC – International Joint Commission: a body composed of the Federal governments of Canada and the U.S., U.S. states and the Province of Ontario set up to deal with environmental issues of mutual concern between Canada and the U.S.

Microgram – µg. 1×10^{-6} or one millionth of a gram.

MNR – Ontario Ministry of Natural Resources

MOE – Ontario Ministry of the Environment.

Nitrogen Oxides – Compounds of nitrogen almost exclusively represented by nitric oxide (NO) and nitrogen dioxide (NO_2), which are generated by natural and technological sources. The concentrations of these two nitrogen oxides in rural areas are usually lower than in urban areas. Major emissions are from automobiles and power generating stations.

Particulates – This is the most visible of all air pollutants consisting of particles dispersed in the air in either solid or liquid phase. Particulate air pollution may originate from many sources such as power generation, incineration, space heating, transportation, solid waste disposal, manufacturing and commercial operations. Particulates above certain concentration levels may cause direct injury to respiratory systems. They also combine with gaseous pollutants to form mixtures of compounds having adverse effects on health.

Phytotoxicology – The science of damages to plants by environmental contaminants.

Pollution Abatement – Activities and programs aimed at stopping or treating existing pollution emissions, or otherwise resolving current environmental problems.

Primary Treatment Plant – The first step in domestic sewage treatment that involves the mechanical removal of floating and settleable solids.

Program Approval – By authority of Section 10 of The Ontario Environmental Protection Act, 1971, an MOE Regional Director may issue an official Ministry agreement to a voluntary pollution abatement program submitted by a person or a company.

Provincial Budgetary Expenditures – Provincial government expenditures that pay for staff salaries, purchase equipment and supplies and pay for travel and other expenses incurred by the operating Ministry.

Provincial Capital Expenditures or Disbursements – Expenditures made by the Provincial Government for the construction of sewage treatment plants, water treatment, resource recovery plants, roads and other capital structures.

Reactive Hydrocarbons – Non-methane, gas-phase hydrocarbons emitted into the atmosphere as contaminants by stationary sources such as petroleum refineries and by vehicular traffic. The latter is the chief source in urban areas. Hydrocarbons are significant due to their role in the development of photo-chemical smog, a combination of pollutants consisting mainly of ozone, which has an adverse affect on vegetation and health.

Requirement and Direction – By authority of Section 69 of the *Ontario Water Resources Act*, an MOE Regional Director may issue an order that directs a company or individual to stop polluting the water and/or undertake specified pollution abatement activities.

Secondary Sewage Treatment Plant – Sewage treatment processes that involve the biological decomposition of dissolved and suspended organic materials. Processes consist of bubbling air or oxygen through the waste water to accelerate biological activity.

Sewage Sludge – Semi-liquid waste with a solids concentration in excess of 2,500 parts per million that results from sewage treatment processes.

Soiling Index – A measure of particulate matter expressed as the coefficient of haze (COH).

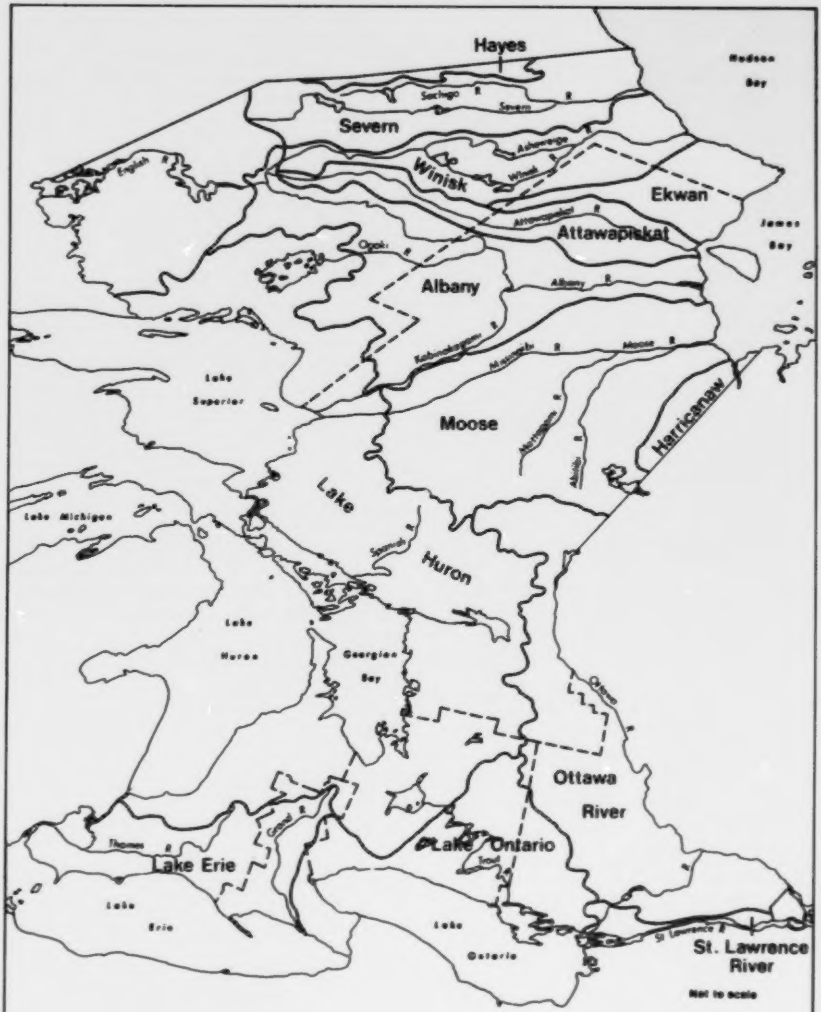
Standard – An numerical objective, stated either as an emission loading or the concentration of a contaminent in the ambient environment, specified in a statute or a Regulation. Violation of a Standard could result in a prosecution.

Sulphur Oxides – Compounds of sulphur that result from combustion, the primary being sulphur dioxide (SO_2) Sulphur dioxide contributes to the formation of sulphate particles and the acidification of rain.

Suspended Solids – A mixture of fine, nonsettling particles of any solids, usually organic, within water. One of the main measures of water pollution.

Total Precipitation – For any given month the total precipitation is obtained by adding the rainfall and the water equivalent of the snowfall for that month. Since 1960, some stations have been equipped with snow gauges in order to obtain the actual water content, while at other stations the water content has been estimated to be one tenth of the depth of the snowfall. Therefore, at some stations, mean total precipitation will be equal to the sum of the mean rainfall and one tenth of the mean snowfall, and at other stations it will depart slightly from that value.

Watershed – A watershed or drainage basin is an area in which all water falling any place in it will conceivably flow to a single point. Watershed boundaries are defined by the heights of land and constitute ecological, as opposed to political, geographical units. The actual number of watersheds are aggregated at various levels. The Great Lakes, for instance, constitute a single watershed or drainage basin.


Hayes
Hudson Bay
Sachigo R
Severn R
Severn
Asheweig R
Winisk
Winisk R
Ekwan
English R
Attawapiskat R
Attawapiskat
James Bay
Ogoki R
Albany
Albany R
Kabinakagami R
Missinaibi R
Moose R
Lake Superior
Moose
Mattagami R
Abitibi R
Harricanaw
Lake Michigan
Lake
Huron
Spanish R
Lake Huron
Georgian Bay
Ottawa R
Ottawa River
Thames R
Grand R
Lake Erie
Lake Ontario
Trent
Lake Erie
Lake Ontario
St Lawrence R
St. Lawrence River
Not to scale

Map 1.A Ontario Major Drainage Basins

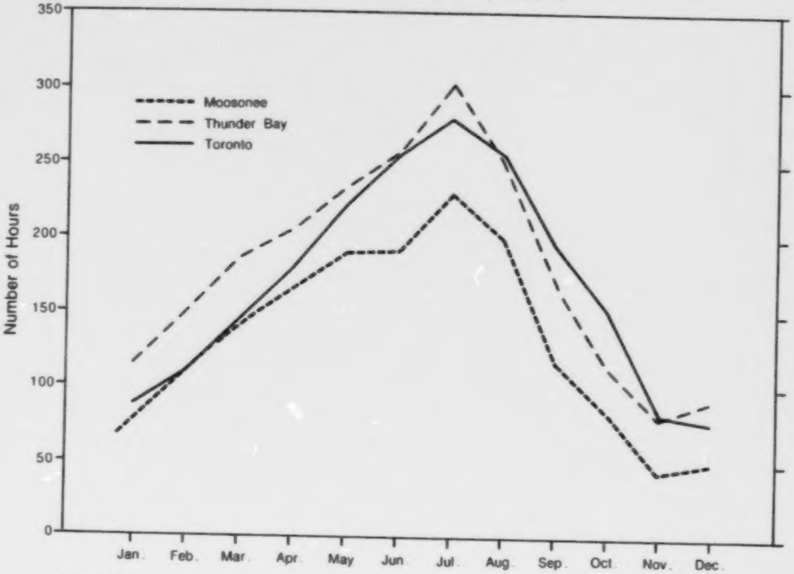
---- Ministry of Environment Regions

—— Drainage Basin Area Boundaries

Source: Ministry of Treasury and Economics
Office of Economic Policy
Statistical Services Branch

Graph 1.B

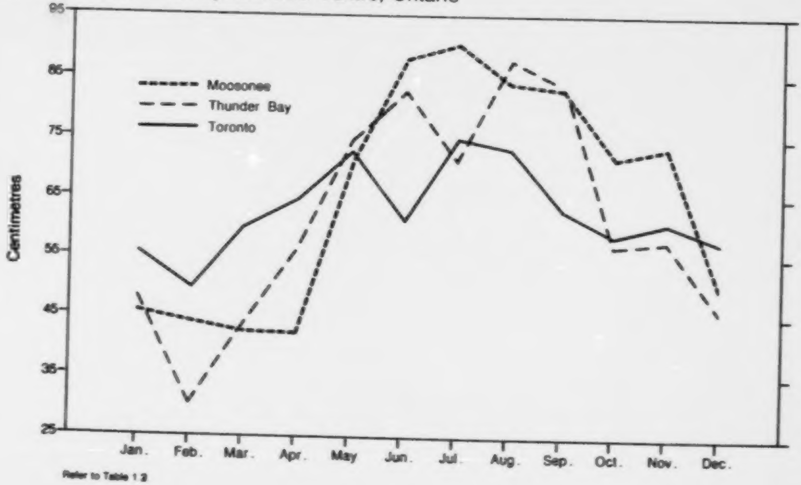
Number of Hours of Bright Sunshine by Selected Centre, Ontario



Refer to Table 1.2

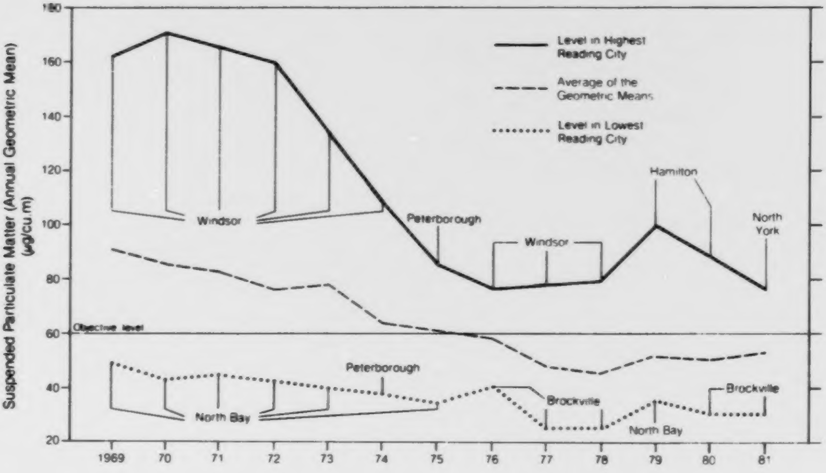
Graph 1.C

Mean Total Precipitation by Selected Centre, Ontario



Refer to Table 1.2

Graph 1.D
Trends in Suspended Particulate Matter, by Selected City, Ontario, 1969-1981



Graph 1.E
Sulphur Dioxide Levels, by Selected City, Ontario, 1969-1981

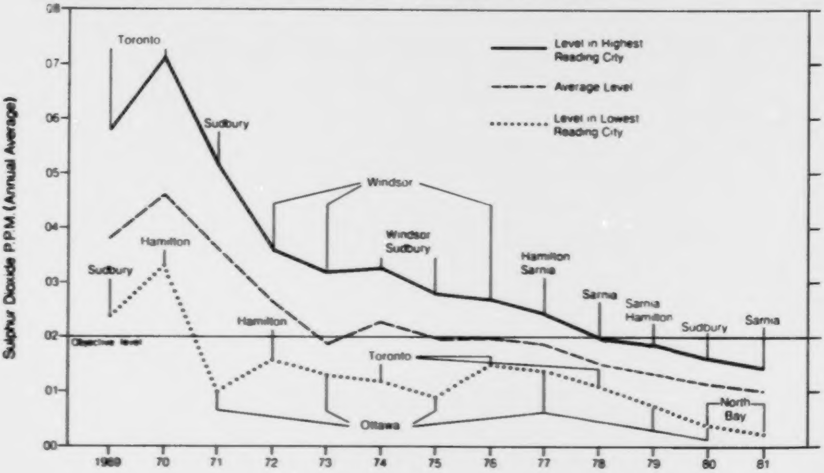


Table 1.1

Selected Statistics, Ontario and Shared Watersheds, 1976

Watershed Name	Watershed Area[1]	Population	Population Density[2]	Number of Farms	Total Farmland
	'000's hectares	'000's	persons/ sq. km.		'000's hectares
Atlantic Basin St. Lawrence River					
W. St. Lawrence	491	219.1	44.6	3,295	252
Quebec Part	95	71.5	74.9	1,078	70
Ontario Part	396	147.6	37.3	2,217	182
Ottawa River	11,745	1,271.9	10.8	12,948	1,185
Lower Ottawa	3,727	889.5	23.9	8,135	656
Quebec Part	2,836	363.3	12.8	1,916	175
Ontario Part	891	526.2	59.0	6,219	481
Upper Ottawa	8,018	382.4	4.8	4,813	529
Quebec Part	4,266	100.3	2.4	1,328	164
Ontario Part	3,752	282.1	7.5	3,485	365
Lake Ontario	2,733	4,319.6	158.1	16,822	1,035
Belleville	676	212.3	31.4	3,184	288
Trent System	1,160	219.4	18.9	4,946	373
Oshawa-Colborne	158	200.0	126.3	1,093	66
Toronto[3]	267	2,573.3	965.1	1,702	103
Hamilton[3]	219	635.5	290.4	1,794	83
Niagara Peninsula	253	479.1	189.5	4,103	122
Lake Erie and Lake St. Clair	2,263	1,784.4	78.9	29,671	1,782
Grand River	677	556.5	82.2	8,278	484
Erie Shoreline	589	464.0	78.7	9,287	502
Thames River	578	683.7	118.4	8,343	532
Sydenham River	419	82.2	19.6	3,763	264
Lake Huron	9,635	1,007.7	10.5	21,992	1,667
South Huron	1,549	322.6	20.8	14,662	1,097
Georgian Bay – Lake Simcoe	2,016	375.5	18.6	6,182	416
North Huron	6,070[4]	306.6	5.1	1,148	154
Lake Superior	9,557[4]	233.1	2.4	292	28
Hudson Bay and Ungava Basin					
South and Southwest	83,272[4]	214.6	.26	945	124
Quebec Part	15,770[4]	104.7	.7	670	88
Ontario Part	57,845[4]	106.8	.2	275	36
Manitoba Part	9,657[4]	3.1	.03	-	-
Lake Winnipeg	14,338[4]	142.1	1.0	5,674	1,040
Lake of the Woods (Ont.)	8,849[4]	67.0	.8	230	34
Lake Winnipeg Shoreline (Man.)	5,489[4]	75.1	1.4	5,444	1,006
Total Ontario	95,921	8,476.4	8.8	81,203	5,610

1) Land area only
2) Population density was calculated by dividing population with watershed area (1 sq. km = 100 hectares)
3) These 'Watersheds' were designed to encompass major urban areas and may, in fact, consist of a number of small watersheds.
4) Land and water area.

Source: Environment Canada, the Canada Land Data System

Table 1.2
Mean Monthly Temperature, Degree Days[1], Precipitation and Number of Hours of Bright Sunshine[2], by Selected Centre, Ontario

Station and Element[3]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code[4]
London Airport				(Latitude 43 02 N		Longitude 81 09 W		Elevation 278 m ASL[5])						
Temperature	−6.0	−5.6	−0.7	6.6	12.3	18.2	20.5	19.7	15.7	9.9	3.1	−3.6	7.5	1
Degree Days	745.8	667.6	581.5	341.8	183.1	48.4	11.9	21.6	97.8	251.3	446.3	669.5	4,066.6	1
Bright Sunshine	69	96	128	170	233	243	274	253	177	153	73	61	1,930	2
Rainfall	31.2	27.7	46.2	70.9	74.7	81.0	81.3	73.4	78.7	72.1	57.4	42.7	737.3	1
Snowfall	49.0	40.9	26.9	7.6	0.5	-	-	-	-	2.3	26.7	47.2	201.1	1
Total precipitation	76.2	65.3	71.9	78.2	74.9	81.0	81.3	73.4	78.7	74.2	82.8	86.6	924.5	1
Moosonee				(Latitude 51 16 N		Longitude 80 39 W		Elevation 10.4 m ASL[5])						
Temperature	−20.2	−18.1	−11.9	−2.3	5.4	11.8	15.5	14.4	10.0	4.7	−4.3	−15.3	−0.9	1
Degree Days	1,183.1	1,019.6	928.4	608.4	392.0	200.4	106.0	129.7	244.2	413.9	673.7	1,031.7	6,931.1	1
Bright Sunshine	77	108	142	165	189	192	233	201	119	86	43	49	1,604	2
Rainfall	1.8	1.5	6.4	19.3	58.9	87.1	90.4	84.1	82.8	58.7	22.1	5.3	518.4	1
Snowfall	46.2	43.9	37.6	23.4	11.7	0.8	-	-	0.3	13.2	52.8	46.5	276.4	1
Total precipitation	45.7	44.2	42.4	42.2	70.4	87.9	90.4	84.1	83.1	71.6	73.4	50.0	785.4	1
Ottawa-International Airport				(Latitude 45 19 N		Longitude 75 40 W		Elevation 126 m ASL[5])						
Temperature	−10.9	−9.5	−3.1	5.6	12.4	18.2	20.7	19.3	14.6	8.7	1.4	−7.7	5.8	1
Degree Days	898.8	778.1	653.9	371.4	181.3	44.4	10.0	27.5	122.9	289.9	499.3	796.2	4,673.8	1
Bright Sunshine[6]	96	115	150	175	231	245	277	243	171	138	76	78	1,995	1
Rainfall	14.0	11.2	25.9	58.4	68.8	72.6	81.3	81.5	78.7	63.8	56.6	28.7	641.5	1
Snowfall	48.5	47.8	35.1	7.9	0.8	-	-	-	Trace	1.8	22.4	51.6	215.9	1
Total precipitation	59.9	56.9	61.0	67.6	70.1	72.6	81.3	81.5	78.7	65.8	78.5	77.0	850.9	1
Sudbury				(Latitude 46 29 N		Longitude 80 59 W		Elevation 259 m ASL[5])						
Temperature	−12.2	−10.3	−4.8	4.0	11.4	17.2	19.7	18.3	13.8	8.1	0.5	−7.7	4.8	4
Degree Days	981.7	859.5	752.4	451.9	255.4	86.5	33.0	58.9	176.1	348.1	571.9	870.9	5,446.3	4
Bright Sunshine[7]	97	130	158	188	231	246	267	226	158	115	59	70	1,945	3
Rainfall	4.8	5.1	21.1	46.7	61.7	72.6	68.8	74.2	93.5	70.4	47.5	11.9	578.3	8
Snowfall	39.6	35.1	29.2	8.9	1.0	-	-	-	Trace	1.8	22.9	40.9	179.4	8
Total precipitation	44.5	40.1	50.3	55.6	62.7	72.6	68.8	74.2	93.5	72.1	70.4	52.8	757.6	8

Table 1.2 (cont'd)

Mean Monthly Temperature, Degree Days[1], Precipitation and Number of Hours of Bright Sunshine[2], by Selected Centre, Ontario

Station and Element[3]	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code[4]
Thunder Bay Airport				(Latitude 48 22 N Longitude 89 19 W Elevation 196 m ASL[5])										
Temperature	−14.8	−13.0	−6.2	2.4	8.3	13.8	17.5	16.5	11.3	6.1	−2.5	−10.8	2.4	2
Degree Days	1,016.8	876.5	749.4	469.3	301.0	130.8	46.5	70.8	203.9	370.5	616.1	892.6	5,744.2	2
Bright Sunshine	116	149	185	205	235	258	302	251	173	116	80	92	2,162	2
Rainfall	1.3	1.5	10.4	36.6	70.4	82.8	71.1	87.9	83.3	53.3	27.9	6.1	532.6	2
Snowfall	51.6	31.0	35.3	20.1	4.3	-	-	-	Trace	3.6	30.7	45.5	222.1	2
Total precipitation	48.0	30.2	43.7	56.4	74.7	82.8	71.1	87.9	83.6	56.9	57.2	46.0	738.5	2
Timmins Airport				(Latitude 48 34 N Longitude 81 22 W Elevation 294 m ASL[5])										
Temperature	−16.9	−14.8	−8.6	1.3	8.7	14.7	17.4	15.7	10.9	5.4	−3.5	−13.1	1.4	8
Degree Days	1,089.6	944.4	823.8	502.1	298.5	123.8	63.4	98.0	224.5	395.5	646.9	977.1	6,187.6	4
Bright Sunshine[8]	76	104	143	165	190	215	233	203	122	92	40	52	1,635	1
Rainfall	2.8	0.8	9.1	27.7	65.5	86.6	88.1	99.8	88.6	56.9	29.2	4.6	559.7	4
Snowfall	63.2	57.4	47.0	19.3	4.8	0.3	-	-	0.8	12.4	72.1	69.6	346.9	4
Total precipitation	55.4	49.5	49.5	45.7	69.9	86.9	88.1	99.8	89.4	68.3	90.4	63.0	855.9	4
Toronto International Airport				(Latitude 43 41 N Longitude 79 38 W Elevation 176 m ASL[5])										
Temperature	−6.3	−5.8	−0.9	6.4	12.2	18.2	20.7	20.0	15.7	9.8	3.4	−3.5	7.5	1
Degree Days	693.8	620.3	552.5	350.1	211.5	54.6	9.5	12.0	75.0	231.4	402.3	615.1	3,828.1	8
Bright Sunshine	87	110	145	179	221	256	281	257	197	153	82	77	2,045	1
Rainfall	22.9	19.6	37.3	57.2	72.4	61.2	74.9	73.2	63.2	58.2	50.8	31.0	621.9	1
Snowfall	35.1	30.0	22.1	6.9	Trace	-	-	-	-	0.8	10.7	27.9	133.5	1
Total precipitation	55.6	49.5	59.9	64.5	72.6	61.2	74.9	73.2	63.2	58.7	61.0	57.7	752.0	1

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[1] Degree Days = Σ (18°C − average daily temperature); where negative values are omitted.

[2] Monthly long-term averages.

[3] Units; temperature in deg C, rainfall in mm, snowfall in cm, total precipitation in mm, bright sunshine in hours.

[4] Code numbers which indicates the number of years of records used to compute the means of temperature, precipitation and bright sunshine.

code = 1: 30 years between 1941 and 1970;
code = 2: 25 to 29 years between 1941 and 1970;
code = 3: 20 to 24 years between 1941 and 1970;
code = 4: 15 to 19 years between 1941 and 1970;
code = 5: less than 10 years between 1941 and 1970;
code = 8: adjusted.

[5] ASL = above sea level.

[6] Sunshine observations from Ottawa CDA.

[7] Sunshine observations from North Bay Airport.

[8] Sunshine observations from Kapuskasing CDA.

Source: Fisheries and Environment Canada; Atmospheric Environment, *Degree Days 1941–1970*.
Ministry of Natural Resources

Table 1.3

Emissions and Discharges
Inventoried Air Pollution Emissions[1], Ontario, 1977-1980

	Sulphur Oxides[2]	Particulate Matter	Nitrogen Oxides[3]	Carbon Monoxide	Hydro Carbons
			'000's of metric tonnes/year		
1977	2,210^r	129	440^r	3,597	513
1978	1,557^r	151	448^r	3,746	532
1979	1,290^r	123	459^r	4,062	577
1980	1,694	168	417	3,283	493

1) Includes only man-made measurable sources

2) Expressed as sulphur dioxide

3) Expressed as nitrogen dioxide

Source: Ministry of the Environment, Air Quality and Meteorology Section, Air Resources Branch.

Table 1.4

Emissions and Discharges
Air Pollution Emissions by Sources[1], Hamilton and Metropolitan Toronto, 1976-1980

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro-Carbons
		'000's of metric tonnes/year				
Hamilton						
Electric Generating Stations	1976	...	...	...	...	...
	1977	...	...	...	...	...
	1978	...	...	...	...	...
	1979	...	...	...	...	...
	1980	...	...	...	...	...
Municipal Incinerators	1976	...	...	...	...	...
	1977	...	...	...	...	...
	1978	...	...	...	...	...
	1979[2]	0.1	0.1	0.1	0.7	0.0
	1980[2]	0.1	0.1	0.1	0.7	0.0
Industrial Sources	1976	34.6	11.0	34.4	18.0	18.2
	1977	36.5	11.8	34.6	18.6	19.2
	1978	22.0	9.7	15.6	18.4	11.5
	1979	20.8	10.2	15.2	17.8	11.4
	1980	21.0	9.6	15.0	17.8	11.4
Motor Vehicles	1976	0.7	0.5	7.6	55.7	7.2
	1977	0.6	0.6	7.2	68.2	7.7
	1978[2]	0.6	0.8	9.0	77.7	9.6
	1979[2]	0.6	0.8	9.0	77.7	9.6
	1980[2]	0.6	0.8	9.0	77.4	9.6
Other Transportation	1976	0.4	0.1	1.9	2.8	1.0
	1977	0.4	0.1	1.9	2.8	1.0
	1978	0.4	0.1	1.9	2.8	1.0
	1979	0.3	0.1	1.9	2.8	1.0
	1980[2]	0.3	0.1	1.9	2.8	1.0
Heating	1976	5.9	1.1	3.0	0.3	0.2
	1977	4.3	0.8	2.0	0.2	0.1
	1978	4.3	0.8	2.0	0.2	0.1
	1979	4.0	0.8	1.7	0.3	0.1
	1980[2]	4.0	0.8	1.7	0.3	0.1
Total	1976	41.6	12.9	47.0	76.9	26.6
	1977	41.8	13.5	45.8	89.9	28.6
	1978	27.4	11.6	28.6	99.2	22.3
	1979	25.9	11.9	28.2	98.6	22.2
	1980	26.0	11.4	27.7	97.0	22.1

Table 1.4 (cont'd)

Emissions and Discharges
Air Pollution Emissions by Sources[1], Hamilton and Metropolitan Toronto, 1976-1980

Source Type		Sulphur Dioxide	Particulate Matter	Nitrogen Oxides	Carbon Monoxide	Hydro Carbons
		'000's of metric tonnes/year				
Metropolitan Toronto						
Electric Generating Stations	1976	90.4	1.3	30.9	1.3	0.3
	1977	110.3	1.6	31.4	1.6	0.4
	1978	92.9	1.5	24.9	1.5	0.1
	1979	101.5	1.7	27.2	1.5	0.1
	1980	91.4	1.9	24.5	1.2	0.1
Municipal Incinerators	1976	0.2	3.9	0.4	1.0	0.1
	1977	0.4	4.1	0.6	4.4	0.1
	1978	0.3	2.9	0.5	4.1	0.0
	1979	0.3	2.9	0.5	4.1[2]	0.0
	1980	0.3	2.9	0.5	4.1[2]	0.0
Industrial Sources	1976	7.2	4.4	8.9	1.4	18.4
	1977	15.5	5.4	10.8	1.8	26.9
	1978	29.3	5.8	11.8	1.7	32.1
	1979	31.3	6.7	13.1	1.8	32.1
	1980	32.4	8.8	13.1[2]	1.8[2]	32.1[2]
Motor Vehicles	1976	1.5	2.3	31.7	325.9	46.6
	1977	0.8	3.1	28.7	356.0	45.4
	1978	1.2	4.4	42.0	444.6	61.8
	1979	1.2	4.5	42.8	449.6	62.7
	1980	1.3	4.6	44.2	457.5	64.3
Other Transportation	1976	0.7	1.2	1.7	1.3	5.4
	1977[2]	0.7	0.7	2.6	3.7	2.2
	1978[2]	0.7	0.8	2.6	3.7	2.2
	1979[2]	0.7	0.7	2.6	3.7	2.2
	1980[2]	0.7	0.7	2.6	3.7	2.2
Heating	1976	21.2	4.2	11.9	1.1	1.0
	1977	23.8	4.7	12.4	1.9	1.2
	1978	26.2	5.0	14.0	2.0	1.2
	1979[2]	26.2	5.0	14.0	2.0	1.2
	1980[2]	26.2	5.0	14.0	2.0	1.2
Total	1976	121.2	17.9	85.9	332.8	72.1
	1977	151.6	20.3	86.9	370.1	76.5
	1978	150.7	21.1	96.2	458.3	97.7
	1979	161.3	22.2	100.6	463.1	98.6
	1980	152.0	23.9	97.0	470.3	100.1

1) Includes only man-made, measurable sources.
2) No new inventories undertaken for these sources or pollutants.

Source: Ministry of the Environment, Air Resources Branch.

Emissions and Discharges

Major Sources of Sulphur Dioxide Emissions in Ontario — Annual Emissions, 1971-1980

Source/Location	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
				metric tonnes/year						
Inco Sudbury	1,867,915	1,518,645	1,185,705	1,215,640	1,198,405	1,191,145	1,136,985	625,055[1]	407,710[1]	812,113
Lambton Generating Station (G.S.) Sarnia	154,610	157,885	118,850	125,785	89,445	95,815	126,270	130,970	160,250	150,000
Nanticoke, G.S. Nanticoke	11	7,205	50,665	53,065	135,280	144,855	145,515	183,870	155,080	144,000
Algoma Steel Wawa	. .	. .	. .	. .	. .	. .	170,870	166,875	145,510	160,513
Lakeview G.S. Mississauga	185,845	148,150	97,695	102,450	78,945	90,820	105,300	89,220	91,345	95,100
Falconbridge Sudbury	362,245	323,050	274,245	257,460	195,320	191,325	219,180	130,910[3]	88,090[3]	123,332
Algoma Steel Sault Ste. Marie	. .	. .	. .	18,130	. .	. .	15,790	16,760	11,585	10,781
Imperial Oil Sarnia	52,145	32,660	23,225	18,595	16,375	25,945	24,565	28,850	24,175	23,178
Stelco Hamilton	14,215	13,620	10,500	15,690	14,410	17,235	17,280	16,905	15,325	15,820
Shell Oil Sarnia	26,980	25,040	16,195	16,175	12,200	14,025	12,880	12,340	14,245	15,653
Hearn G.S. Toronto	33,005	14,620	10,745	6,580	415	2,360	8,470	3,640	10,190	16,300
Thunder Bay G.S. Thunder Bay	4,645	3,345	6,420	3,155	455	1,550	9,570	6,695	10,035	513
Lennox G.S. Bath	. .	. .	. .	30	6,225	32,030	18,690	21,295	10,010	27

1) 9-month strike during 1978-79.
2) 1968-70 Annual average emissions.
3) Production was cut back during 1978-79.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.6

Emissions and Discharges
Hauled Industrial Waste, Liquids and Sludges, Quantities Generated by Category, Ontario 1978 to 1981.

	1978[1]	1979[2]	1980[3]	1981[2]
	'000's litres			
Inorganic Wastes				
Acids	15,355.6	18,457.2	21,046.8	23,041.8
Alkalis	23,389.5	7,937.3	9,653.8	11,866.6
Metal Finishing Wastes	4,230.0	12,944.3	5,440.3	6,204.2
Cyanides	211.4	189.6	284.1	131.5
Chemical Fertilizer Wastes	. . .	2,914.4	1,583.4	74.4
Phosphates	421.4	1,191.1	1,228.6	1,808.8
Other Inorganics	. . .	32,170.2	21,650.6	22,985.7
Total	43,587.9	75,804.1	60,887.6	66,113.0
Organic Wastes				
Oily Water	101,660.5	66,107.9	76,858.8	69,781.0
Waste Oils	16,794.8	11,264.1	10,974.0	12,414.6
Organic Solvents	14,526.9	12,907.0	16,317.5	25,622.7
Chlorinated Solvents	. . .	435.5	426.1	1,321.8
Plastic Resins	9,618.7	4,997.4	7,656.1	7,225.3
Amines	1,320.2	1,269.2	1,578.2	3,236.5
Glycols	1,017.8	1,916.6	1,347.4	1,884.4
Phenols	29,443.1	2,289.8	790.4	1,997.1
PCB's	175.9	66.4	32.4	187.9
Plant and Animal Wastes	6,622.5	12 816.1	11,132.6	14,768.0
Other	161.0	18,143.1	12,113.1	21,483.0
Total	181,341.4	132,213.1	139,226.6	159,922.3
Miscellaneous				
Pigments, Paint, Printing and Adhesives	10,280.1	14,475.8	7,798.6	9,791.9
Pesticides	4,509.5	981.9	1,022.9	592.0
Detergents, Cleaners and Soaps	. . .	1,827.5	1,209.8	2,427.5
Pharmaceuticals and Cosmetics	83.2	100.0	11.7	236.3
Inert Sludges	7,149.8	50,437.4	34,408.6	35,833.2
Unspecified	3,565.8	3,973.2	. .	. .
Total	25,588.4	71,795.8	44,451.6	21,065.3
Total	250,517.7	279,813.0	244,565.8	275,764.1

1) Estimated for Calendar Year, 1978
2) January 1 — December 31
3) August 1, 1979 — July 31, 1980

Source: Ministry of the Environment, Waste Management Branch

Table 1.7

Emissions and Discharges
Annual Contaminant Loadings to Ontario Watercourses from Selected Source Sections, 1978-1981

	1978	1979	1980	1981
		metric tonnes		
Suspended Solids Discharges	1,313,086	1,335,258	1,293,767[1]	1,276,559[1]
Municipal Sewage Treatment Plants				
Primary Treatment	12,880	13,085	11,950[1]	12,200
Secondary Treatment	22,131	22,485	18,400[1]	18,900
Lagoons	1,487	1,510	1,210[1]	1,250
Combined Sewer Overflows	17,000	17,000	17,000	17,000
Urban Runoff	67,000	67,000	67,000	67,000
Agricultural Runoff	1,084,000	1,084,000	1,084,000	1,084,000
Industrial Sources	108,588	130,178	94,207	76,103
Bio-Chemical Oxygen Demand	327,089	331,500	312,824	312,559[1]
Municipal Sewage Treatment Plants				
Primary Treatment	15,419	15,665	15,500[1]	16,300
Secondary Treatment	16,053	16,300	18,300[1]	18,900
Lagoons	768	780	600[1]	650
Combined Sewer Overflows	3,700	3,700	3,700	3,700
Urban Runoff	5,500	5,500	5,500	5,500
Agricultural Runoff[2]	. . .	. . .	. . .	. . .
Industrial Sources	285,649	289,555	269,224	267,509
Phosphorus	5,116	5,140	5,350[1]	5,480[1]
Municipal Sewage Treatment Plants				
Primary Treatment	425	430	600[1]	650
Secondary Treatment	1,342	1,340	1,380[1]	1,450
Lagoons	79	80	100[1]	110
Combined Sewer Overflows	130	130	130	130
Urban Runoff	140	140	140	140
Agricultural Runoff	3,000	3,000	3,000	3,000
Industrial Sources	. . .	. . .	. . .	. . .

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[1] Municipal Sewage Treatment plant data from MOE records. Loading estimates from other sources are calculated from Pollution from Land Use Activities Reference Group (PLUARG).

[2] Not measured in PLUARG Studies.

Source: Ontario Ministry of the Environment, ***Management by Results – Report on 1981-82 Plans***, and MOE, Pollution Control Branch.

Table 1.8
Environmental Objectives
Ontario Ambient Air Quality Criteria[1]

Name of Contaminant	Unit of Measurement	Average Amount of Concentration or Total Amount of Contaminant	Period of Time	Approximate Equivalent at 10°C and 760 mm Hg pressure
Arsenic	Micrograms of Arsenic per cubic metre of air	25	24 hours	. . .
Cadmium	Micrograms of cadmium per cubic metre of air	2.0	24 hours	. . .
Carbon Monoxide	Parts of carbon monoxide per one million parts of air by volume	30 13	1 hour 8 hours	36,200 ug/m^3 15,700 ug/m^3
Dustfall	Tons of dustfall per square mile per month	20 Total 13	30 days 1 year	. . .
Fluorides (Gaseous) April 15 to October 15	Parts of fluorides per billion parts of air by volume (Expressed as HF)	1.0 0.4	24 hours 30 days	0.86 ug/m^3 0.34 ug/m^3
Total Fluorides (Gaseous and Particulate) April 15 to October 15	Parts of fluorides per one billion parts of air by volume (Expressed as HF)	2.0 0.8	24 hours 30 days	1.72 ug/m^3 0.69 ug/m^3
Total Fluorides (Gaseous and Particulate) October 16 to April 14	Parts of fluorides per one billion parts of air by volume (Expressed as HF)	4.0 1.6	24 hours 30 days	3.44 ug/m^3 1.38 ug/m^3
Fluorides in Forage for Consumption by Livestock	Parts of total fluorides per one million parts forage (dry weight)	35	Individual Sample	. . . . . .
Fluoridation (total) April 15 to October 15	Micrograms of total fluorides collected by 100 sq. centimetres of limed filter paper	40	30 days	. . .
Fluoridation (total) October 16 to April 14	Micrograms of total fluorides collected by 100 sq. of limed filter paper	80	30 days	. . .
Hydrogen Sulphide	Parts of hydrogen sulphide per one million parts of air by volume	0.02	1 hour	30 ug/m^3
Lead	Micrograms of lead per cubic metre of air	5.0 2.0 geometric mean	24 hours 30 days	. . .
Mercaptans	Parts of mercaptans per one million parts of air by volume (Expressed as methyl mercaptan)	0.01	1 hour	20 ug/m^3
Mercury	Micrograms of mercury per cubic metre of air	2.0	24 hours	. . .

Table 1.8 (cont'd.)

Environmental Objectives
Ontario Ambient Air Quality Criteria[1]

Name of Contaminant	Unit of Measurement	Average Amount of Concentration or Total Amount of Contaminant	Period of Time	Approximate Equivalent at 10°C and 760 mm Hg pressure
Nickel	Micrograms of Nickel per cubic metre of air	2.0	24 hours	. . .
Nitrogen Dioxide	Parts of nitrogen dioxide per one million parts of air by volume	0.20 0.10	1 hour 24 hours	400 ug/m^3 200 ug/m^3
Oxidants (total)	Parts of total oxidants per one million parts of air by volume	0.10	1 hour	. . .
Ozone	Parts of ozone per one million parts of air by volume	0.08	1 hour	165 ug/m^3
Soiling	Coefficient of Haze per 1,000 feet of air	1.0 0.5	24 hours 1 year	. . .
Sulphation	Milligrams of sulphur trioxide per 100 sq. cm. of exposed lead peroxide per day	0.7	30 days	
Sulphur Dioxide	Parts of sulphur dioxide per one million parts of air by volume	0.25 0.02	1 hour 1 year	690 ug/m^3 55 ug/m^3
Suspended Particulate Matter	Micrograms of suspended particulate matter per cubic metre of air	120 60 geometric mean	24 hours 1 year	. . .
Vanadium	Micrograms of vanadium per cubic metre of air	2.0	24 hours	. . .

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1) The desirable ambient air quality criteria for each contaminent set out in Column 1 of the Schedule is that amount of concentration or total amount of contaminant set out opposite thereto in Column 3 of the Schedule in the unit of measurement set out opposite thereto in Column 2 of the Schedule for the time set out opposite thereto in Column 4 of the Schedule. O. Reg. 872/74, s. 1.

Source: Ontario Regulation 872/74, The Environmental Protection Act, 1971

Table 1.9
Ambient Quality Conditions
Ontario's Air Pollution Index[1], 1972-1981

Year	City	Date Index Started or Closed	Number of Occasions API = 32[2] or more	Number of Occasions API = 50[3] or more	Maximum Recorded[4]	Date of Maximum
1972	Toronto		2	–	45	Feb. 13
	Hamilton		6	–	41	Feb. 13
	Sudbury		7	1	79	June 12
	Windsor		9	1	53	Jan. 29
	Happy Valley		20	11	139	Mar. 23
1973	Toronto		3	–	43	Oct. 24
	Hamilton		2	–	34	Feb. 14
	Sudbury		–	–	26	Mar. 14
	Windsor		7	–	44	Feb. 19
	Happy Valley		19	10	94	Aug. 21
1974	Toronto		3	1	50	Oct. 29
	Hamilton		11	–	44	Oct. 29
	Sudbury		1	–	32	July 13
	Windsor		2	–	41	Jan. 7
	Happy Valley		24	13	116	Apr. 23
	Welland	Jan. 1	46	15	77	Oct. 6
	Niagara Falls	Nov. 1	–	–	20	Nov. 9
1975	Happy Valley	(closed Jan.)				
	Toronto		2	1	62	Nov. 20
	Hamilton		10	–	38	Oct. 24
	Sudbury		–	–	30	Feb. 1
	Windsor		–	–	28	Feb. 11
	Welland		–	–	23	Jan. 24
	Niagara Falls		–	–	21	Nov. 24
	Coniston	Feb. 18	–	–	30	May 13
1976	Toronto		1	–	33	Oct. 3
	Hamilton		8	–	41	Dec. 16
	Sudbury		–	–	28	June 6
	Windsor		1	–	34	Dec. 16
	Welland		–	–	24	Dec. 16
	Niagara Falls		–	–	25	Feb. 21
	Coniston		–	–	29	Sept. 16
	New Sudbury	Mar. 1	–	–	29	Apr. 2, 3 June 20
1977	Toronto		4	–	36	Jan. 15
	Hamilton		10	–	44	Mar. 12
	Sudbury		–	–	24	June 11
	Windsor (12008)[5]		1	–	33	Apr. 19
	Windsor (12016)[5]		–	–	29	Apr. 19
	Welland		–	–	22	Jan. 24
	Niagara Falls		–	–	28	Feb. 21
	Coniston		–	–	25	Apr. 25
	New Sudbury		1	–	39	June 11
	Sarnia	Dec. 1	–	–	15	Dec. 13

Table 1.9 (cont'd.)
Ambient Quality Conditions
Ontario's Air Pollution Index[1], 1972-1981

Year	City	Date Index Started or Closed	Number of Occasions: API = 32[2] or more	Number of Occasions: API = 50[3] or more	Maximum Recorded[4]	Date of Maximum
1978	Toronto		1	–	45	Nov. 5
	Hamilton		7	–	43	Nov. 4
	Sudbury		–	–	31	Jan. 22
	Windsor (12008)[5]		1	–	33	Apr. 19
	Windsor (12016)[5]		–	–	28	Feb. 18
	Welland	(closed Oct.)	–	–	24	Mar. 15
	Niagara Falls		–	–	23	Mar. 11
	Coniston		3	–	34	Feb. 7
	New Sudbury		1	–	42	Feb. 2
	Sarnia		3	–	41	Jan. 24
1979	Toronto		2	–	35	Oct. 18
	Hamilton		23	1	55	Dec. 22
	Sudbury		–	–	18	July 7
	Windsor (12008)[5]		–	–	31	Feb. 20
	Windsor (12016)[5]		–	–	27	Feb. 21
	Niagara Falls		–	–	27	Feb. 21
	Coniston		–	–	31	Feb. 14
	New Sudbury		–	–	28	Feb. 14
	Sarnia		2	–	43	Feb. 20
	St. Catharines		–	–	29	Nov. 6
1980	Toronto		–	–	31	Dec. 8
	Hamilton		4	–	40	Oct. 16
	Sudbury		–	–	23	Oct. 16
	Windsor (12008)[5]		–	–	25	Feb. 8, 9
	Windsor (12016)[5]		–	–	25	Dec. 29
	Niagara Falls		–	–	18	May 24
	Coniston		–	–	30	Feb. 10, Mar. 9
	New Sudbury		–	–	24	Jul. 3, Oct. 16
	Sarnia		1	–	39	Mar. 20
	St. Catharines		–	–	28	Feb. 20
1981	Toronto		3	–	43	Nov. 14
	Hamilton		8	–	38	Nov. 15
	Sudbury		–	–	21	Jan. 31
	Windsor (12008)[5]		1	–	42	Nov. 17
	Windsor (12016)[5]		–	–	31	Nov. 17
	Niagara Falls		–	–	25	Jan. 14
	Coniston		–	–	20	Nov. 25
	New Sudbury		–	–	22	Jan. 28-29
	Sarnia		1	–	34	Feb. 16
	St. Catharines		–	–	27	Jan. 14-15

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[1] The Air Pollution Index (API) is a value that is derived from an equation. The equation specifies the API value as a function of the 24-hour average concentrations of sulfur dioxide and the Coefficient of Haze (a measure of suspended particulate matter). See "Fact Sheet" "About Ontario's Air Pollution Index", No. AFS6-6/78, by the Ontario Ministry of the Environment. Available from the Information Services Branch.

[2] API = 32 is the "Advisory Level". At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of significant sources of pollution in the community may be *advised* to curtail operations.

[3] API = 50 is the "First Alert" level. At this level and if weather conditions are expected to remain adverse for at least 6 more hours, owners of major pollution sources may be *ordered* to curtail operations.

[4] API No. 75 is the "Second Alert" level. Further curtailments of other pollution sources may be *ordered* to stop operations. API = 100 is the "Air Pollution Episode Threshold Level". If weather conditions are expected to maintain this level for 6 or more hours, owners of all pollution sources not essential to public health or safety will be *ordered* to cease operations.

[5] Denotes specific air quality sampling station.

Source: Ministry of the Environment, Air Resources Branch.

Table 1.10
Ambient Quality Conditions
Number of Times Ambient Air Quality Criteria[1] were Exceeded, 1976-1981

City	Pollutant	1976				1977				1978				1979				1980				1981			
		Hours			1 Yr	Hours			1 Yr	Hours			1 Yr	Hours			1 Yr	Hours			1 Yr	Hours			1 Yr
		1	8	24		1	8	24		1	8	24		1	8	24		1	8	24		1	8	24	
Hamilton	Sulphur Dioxide	–	...	–	1	–	...	–	1	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–
	Soiling Index	...	...	29	1	...	...	24	–	...	...	26	1	...	...	55	1	...	...	20	1	...	...	24	1
	Carbon Monoxide	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...
	Total Suspended Particulate	...	...	122	1	...	...	107	...	...	...	109	1	...	...	112	1	...	...	90	1	...	...	...	...
	Total Oxidants and Ozone	95	...	...	...	15	...	...	...	71	...	...	...	32	...	...	...	24	...	...	...	16	...	...	...
	Nitrogen Dioxide	–	...	–	...	–	...	2	...	–	...	3	...	–	...	–	...	–	...	–	...	–	...	–	...
Ottawa	Sulphur Dioxide	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–
	Soiling Index	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–
	Carbon Monoxide	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...
	Total Suspended Particulate	...	...	–	–	...	...	–	...	...	...	–	–	...	...	2	–	...	...	–	–	...	...	...	...
	Total Oxidants and Ozone	10	...	...	...	17	...	...	...	66	...	...	...	8	...	...	...	3	...	...	...	–	...	...	...
	Nitrogen Dioxide	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...
Thunder Bay	Sulphur Dioxide	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–
	Soiling Index	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–
	Carbon Monoxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total Suspended Particulate	...	...	6	–	...	...	4	–	...	...	3	–	...	...	4	–	...	...	5	–	...	...	...	...
	Total Oxidants and Ozone	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Nitrogen Dioxide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table 1.10 (cont'd)
Ambient Quality Conditions
Number of Times Ambient Air Quality Criteria[1] were Exceeded, 1976-1981

City	Pollutant	1976				1977				1978				1979				1980				1981			
		Hours				Hours				Hours				Hours				Hours				Hours			
		1	8	24	1 Yr	1	8	24	1 Yr	1	8	24	1 Yr	1	8	24	1 Yr	1	8	24	1 Yr	1	8	24	1 Yr
Sudbury	Sulphur Dioxide	47	...	–	–	25	...	–	–	22	...	1	–	7	...	–	–	19	...	–	–	13	...	–	–
	Soiling Index	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–
	Carbon Monoxide	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...
	Total Suspended Particulate	...	...	–	–	...	...	–	–	...	...	1	–	...	...	1	–	...	...	–	–	...	...	...	...
	Total Oxidants and Ozone	...	...	...	...	18	...	...	...	44	...	...	...	23	...	...	...	–	...	...	–	–	...	...	...
	Nitrogen Dioxide	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...
City of Toronto	Sulphur Dioxide	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–	–	...	–	–
	Soiling Index	...	...	2	–	...	...	7	...	...	...	4	–	...	...	3	–	...	...	1	–	...	...	1	–
	Carbon Monoxide	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...
	Total Suspended Particulate	...	...	36	1	...	...	37	...	...	...	38	–	...	...	38	1	...	...	35	–	...	...	...	...
	Total Oxidants and Ozone	100	...	...	...	31	...	...	...	99	...	...	...	92	...	...	...	40	...	...	...	59	...	...	...
	Nitrogen Dioxide	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...	–	...
Windsor	Sulphur Dioxide	5	...	1	1	–	...	–	1	–	...	–	–	–	...	–	–	–	...	–	–	1	...	–	–
	Soiling Index	...	...	6	–	...	...	8	...	...	...	11	1	...	...	–	–	...	...	1	–	...	...	4	–
	Carbon Monoxide	–	–	...	...	–	...	...	...	–	–	...	...	–	–	...	...	–	–	...	...	–	–	...	...
	Total Suspended Particulate	...	...	20	1	...	...	13	...	...	...	6	1	...	...	10	1	...	...	6	1	...	...	...	...
	Total Oxidants and Ozone	209	...	...	...	258	...	...	...	201	...	...	...	62	...	...	...	149	...	...	...	108	...	...	...
	Nitrogen Dioxide	–	...	–	...	–	...	–	...	1	...	...	...	–	...	–	...	–	...	–	...	–	...	–	...

1) See Table 1.8 for the specific ambient air quality criteria

Source: Ministry of the Environment, Air Resources Branch

Table 1.11

Ambient Quality Conditions
Water Quality Trends[1] by Major Drainage Basins, Ontario

Major Watershed or Waterbody	Monitoring Stations			
	Total	Improved Water Quality	No Change In Water Quality	Deteriorating Water Quality
Ottawa River	1	1	–	–
St. Lawrence River	9	–	9	–
Lake Ontario	57	26	27	4
Bay of Quinte	9	7	2	–
Hamilton Harbour	3	1	2	–
Niagara River (Lower)	1	–	1	–
Lake Erie	31	16	14	1
Lake St. Clair	3	1	2	–
Lake Huron	20	6	12	2
Georgian Bay	31	6	25	–
North Channel	1	–	–	1
Lake Superior	2	1	1	–
Hudson Bay	1	–	1	–
All Basins	169	65	96	8

1) Trends are measured over the time period 1964-1979. Data from 169 Water Quality Monitoring stations, which were sampled 10 to 12 times a year, form the basis of the table. A total of almost 700 monitoring stations are routinely sampled in Ontario by the Ministry of the Environment with assistance of many Conservation Authorities. Water quality parameters analyzed are: total coliforms, total phosphorus, nitrate, 5-day biochemical oxygen demand, dissolved oxygen, total solids and turbidity.

Source: Ministry of the Environment, *Surface Water Quality Trends in Ontario*.

Table 1.12

Environmental Effects
Results of MOE-MNR Sport Fish Contaminant Testing Program[1], 1977-1982

	1977	1978	1979	1980	1981	1982
Cumulative Number of Fish Tested	. .	31,000	43,000	54,000	62,000	70,000
Total Number of Inland Waterbodies Tested						
Northern Ontario	93	240	366	522	599	645
Southern Ontario	51	137	177	245	298	323
Total Number of Locations Tested on Great Lakes	23	63	82	114	139	134
Summary of Results						
Number of locations where one or more species tested were suitable for uunrestricted consumption						
Northern Ontario	83	219	344	480	548	592
Southern Ontario	44	127	167	232	281	307
Great Lakes	22	58	77	107	133	126
Number of locations where no sizes of any species tested were suitable for unrestricted consumption						
Northern Ontario	10	21	20	40	49	51
Southern Ontario	7	10	10	13	17	16
Great Lakes	1	5	5	7	6	8
Number of locations where no fish of any species were found to be suitable for consumption						
Northern Ontario	–	1	2	2	2	2
Southern Ontario	–	–	–	–	–	–
Great Lakes	–	–	–	–	–	–

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1) As part of a co-operative program of the Ministries of Environment, Natural Resources and Labour, sport fish are collected and analyzed for mercury, PCB, mirex, organochlorine pesticides including DDT and the chlorinated dioxin 2, 3, 7, 8-TCDD

Sources Ontario Government, *Health Implications of Contaminants in Fish, 1977*, Toronto.
Ontario Government, *Guide to Eating Ontario Sport Fish*, (Ministries of the Environment and Natural Resources.)

Table 1.13

Pollution Abatement and Environmental Protection Activities
Sewage Treatment Plants in Ontario, 1975-1981

Year	Total Treatment Works		Ministry of the Environment Operated Plants		Municipality Operated Plants	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
				'000's of cubic metres/day		
1975	310	4,372.5	181	1,215.1	129	3,157.3
1976	337	4,692.5	196	1,294.2	141	3,398.8
1977	340	4,938.9	201	1,374.3	139	3,564.7
1978	351	4,981.1	208	1,304.8	143	3,676.3
1979	359	5,196.4	211	1,243.6	147	3,952.8
1980	362	5,602.4	209	1,212.2	153	4,390.2
1981[1]	372	5,697.8	218	1,237.5	154	4,460.3

Table 1.13 (cont'd.)

Year	Lagoons, Aerated Cells & Oxidation Ditches		Primary Treatment		Secondary Treatment	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
				'000's of cubic metres/day		
1975	111	135.9	44	1,015.7	155	3,221.0
1976	129	158.8	39	958.2	169	3,576.0
1977	133	175.9	39	1,061.3	168	3,701.7
1978	140	191.0	39	1,063.3	172	3,726.9
1979	146	188.2	38	1,083.3	175	3,924.9
1980	151	219.1	38	1,087.6	173	4,295.7
1981[1]	152	229.1	37	1,138.2	183	4,330.5

1) Estimated

Source: Ministry of the Environment, *Water and Sewage Treatment Works in Ontario*, (annual), Toronto, Pollution Control Branch

Table 1.14

Pollution Abatement and Environmental Protection Activities Water Supply Treatment Plants in Ontario, 1975-1981

Year	Total Treatment Works		Ministry of the Environment Operated Works		Municipally Operated Works	
	Number	Design Capacity	Number	Design Capacity	Number	Design Capacity
			'000's of cubic metres/day			
1975	401	7,729.6	78	931.8	323	6,797.8
1976	410	8,464.0	74	1,098.4	336	7,365.6
1977	420	8,551.8	80	1,129.1	340	7,422.7
1978	427	8,882.2	87	1,417.3	340	7,464.9
1979	426	8,967.1	89	1,440.6	337	7,526.5
1980	431	9,472.0	93	1,446.0	338	8,026.0
1981[2]	485	9,703.2	95	1,455.0	390	8,248.2

Table 1.14 (cont'd.)

Year	Plants Obtaining Water from Ground Water Sources			
	No Treatment[1]		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day		
1975	158	657.9	49	454.7
1976	153	705.4	65	525.2
1977	153	688.3	67	519.6
1978	154	731.0	65	517.0
1979	149	760.9	67	469.9
1980	150	763.3	68	470.6
1981[2]	197	797.9	73	510.1

Table 1.14 (cont'd.)

Year	Plants Obtaining Water from Surface Water Sources			
	No Treatment[1]		Physical and/or Chemical Treatment	
	Number	Design Capacity	Number	Design Capacity
		'000's of cubic metres/day		
1975	75	818.1	119	5,799.0
1976	74	1,052.6	118	6,180.8
1977	74	999.7	126	6,344.2
1978	73	969.2	135	6,665.0
1979	71	854.7	139	6,881.5
1980	71	855.0	142	7,383.1
1981[2]	71	879.3	144	7,515.9

1) No Treatment except disinfection with chlorine
2) Estimated

Source: Ministry of the Environment, *Water Sewage Treatment Works in Ontario (Annual)*, Pollution Control Branch.

Table 1.15
Pollution Abatement and Environmental Protection Activities
Solid and Industrial Waste Disposal Sites and Collection Systems Under the Ontario Certificate of Approval Program[1], 1978-1981

Waste Disposal Sites	1978			1979			1980			1981		
	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31	New Sites Approved	Sites Closed	Sites Active as of Dec. 31
Municipal, Private, and Industrial Waste Disposal Sites	75	30	1,574	79	57	1,596	22	101	1,517	1	12	1,506
Sites Receiving Processed Organic Waste (treated sewage sludge)	140	35	290	125	33	382	69	15	436	..	..	..
Sites Receiving Derelict Motor Vehicles[2]	33	2	405	13	—	418	...	...	...	...	...	...

Table 1.15 (cont'd)

Collection Systems	1978			1979			1980			1981		
	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31	New Systems Approved	Systems Closed	Systems Active as of Dec. 31
Municipal, Private, and Industrial Waste Haulers	68	29	1,058	104	71	1,091	75	77	1,089	103	68	1,124
Haulers who carry Processed Organic Waste (Treated sewage sludge)	35	10	82	17	7	92	10	7	95	23	6	109

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1) All disposal sites and collection systems must have Certificates of Approval to be active. A number of sites were in operation prior to this program. Many of these were never issued Certificates of Approval and have been closed.

2) As of 1980 M.O.E. no longer approves Derelict Motor Vehicle Sites

Source: Ministry of the Environment, Administrative Support Section, Environmental Approvals Branch

Table 1.18

Pollution Abatement and Environmental Protection Activities
Hauled Industrial Waste, Liquids and Sludges, Mode of Disposal, August 1980 to July 1981

	Total	Incineration	Re-Use or Treatment	Landfill	Export	Transfer/ Storage Station	Sewage Treatment Plants	Misc.¹
				(millions of litres)				
Inorganics	68.9	9.5	9.4	15.8	17.1	7.2	3.6	6.3
Acids & Alkalis	37.4	2.3	5.8	6.3	12.1	4.1	2.3	4.5
Metal Finishing Wastes Cyanides Chemical Fertilizers Phosphates Other Inorganics	31.5	7.2	3.6	9.5	5.0	3.1	1.3	1.8
Organics	157.1	56.7	21.2	32.9	3.6	24.3	2.7	15.7
Oily Water & Waste Oils	84.2	31.5	17.1	16.2	2.3	12.6	–	4.5
Organic & Chlorinated Solvents Plastic Resins Amines & Glycols Phenols & PCB's	40.9	18.0	2.3	5.4	1.3	9.9	–	4.0
Plant & Animal Wastes Other Organics	32.0	7.2	1.8	11.3	–	1.8	2.7	7.2
Miscellaneous	45.4	4.0	.4	32.4	1.4	4.5	.9	1.8
Pigments, Paint, Printing & Adhesives Pesticides Detergents, Cleaners, Soap Pharmaceutical & Cosmetics Inert Sludges	45.4	4.0	.4	32.4	1.4	4.5	.9	1.8
Total	271.4	70.2	31.0	81.1	22.1	36.0	7.2	23.8

1) Includes wastes spread on road surfaces as dust suppressant or used as soil fertilizer

Source: Ministry of the Environment, Waste Management Branch

Table 1.17

Pollution Abatement and Environmental Protection Activities Ministerial Orders and Program Approvals Issued to Municipalities, Companies and Individuals Under Authority of the Ontario Water Resources Act and the Ontario Environmental Protection Act (1971), 1977-1981

		Number of New Orders Issued[1]			Number of Orders Amended or Extended			Total of New & Previously Existing Orders			Number of Orders with Final Deadline in Year[2]		
Year	MOE Region[3]	CO[4]	R&D[5]	PA[6]	CO	R&D	PA	CO	R&D	PA	CO	R&D	PA
1977	W.C.	4	1	3	1	–	–	7	1	3	1	–	–
	S.E.	4	–	–	–	–	–	5	1	–	2	1	–
	C.	5	1	3	–	–	1	4	1	7	–	–	–
	S.W.	–	–	–	–	–	–	1	–	–	–	–	–
	N.E.	8	2	–	1	–	–	11	2	–	–	–	–
	N.W.	3	2	–	2	–	2	5	2	4	–	–	–
	Total	24	6	6	4	–	3	33	7	14	3	1	–
1978	W.C.	2	–	3	2	–	–	9	1	6	1	–	2
	S.E.	2	–	–	–	–	–	7	–	–	1	–	–
	C.	6	2	–	–	1	–	7	2	3	–	2	3
	S.W.	2	2	3	1	–	–	1	2	3	–	1	1
	N.E.	7	3	–	2	–	–	12	4	–	2	1	–
	N.W.	1	–	–	–	–	–	6	2	4	1	–	3
	Total	20	7	6	5	1	–	42	11	16	5	4	9
1979	W.C.	7	–	–	6	–	1	11	1	4	5	–	1
	S.E.	7	1	–	2	–	–	16	3	–	3	1	–
	C.	13	1	–	4	–	1	17	2	3	8	1	–
	S.W.	4	–	–	–	–	–	8	2	1	3	–	–
	N.E.	27	1	–	1	1	–	32	4	–	11	1	–
	N.W.	8	–	–	3	1	–	12	2	–	3	–	–
	Total	66	3	–	16	2	2	96	14	8	33	3	1
1980	W.C.	5	–	–	–	–	–	10	–	5	6	1	2
	S.E.	1	2	–	–	–	–	14	3	–	2	2	–
	C.	5	1	–	1	–	–	14	2	3	7	–	–
	S.W.	3	–	–	–	–	–	6	2	1	3	–	–
	N.E.	17	–	–	2	–	–	26	2	–	18	–	–
	N.W.	6	–	–	–	–	–	12	1	–	2	–	–
	Total	37	3	–	3	–	–	82	10	9	38	3	2
1981	W.C.	2	–	–	1	–	–	8	–	5	4	–	–
	S.E.	4	–	–	2	–	–	15	3	–	1	–	–
	C.	14	1	–	5	–	–	17	1	3	12	–	–
	S.W.	3	–	1	1	–	–	8	2	2	4	–	–
	N.E.	15	–	–	1	–	–	25	2	–	1	–	–
	N.W.	2	1	–	–	–	–	14	1	–	–	1	–
	Total	40	2	1	10	–	–	87	9	10	22	1	–

[1] More detailed breakdown of the various ministerial orders may be obtained from the Division of Regional Operations and Laboratories of the Ontario Ministry of the Environment.

[2] Control Orders and other Ministerial Orders often have a number of different deadline dates for individual components of the programs. The number of orders that are supposed to terminate in each part year are listed. This does not necessarily mean that abatement programs have been completed. Refer to MOE regional offices for status of actual orders.

[3] W.C. = West Central Region;
S.E. = Southeastern Region;
C. = Central Region;
S.W. = Southwestern Region;
N.E. = Northeastern Region;
N.W. = Northwestern Region.

[4] CO = Control Order, Sect.6, Part IX, Ontario Environmental Protection Act, 1971 . Orders under Sect. 60 also included

[5] R&D = Requirement and Direction, Sect.69, Ontario Water Resources Act

[6] PA = Program Approval, Sect.10, Ontario Environmental Protection Act, 1971

Source: Ministry of the Environment, Regional Operations and Laboratories Division.

Table 1.18

Pollution Abatement and Environmental Protection Activities
Prosecutions by the Ontario Ministry of the Environment. 1977-1978 to 1981-82

	Prosecutions before the Courts during the Fiscal Year				Disposition of Cases During Fiscal Year				
Year	Under the Environmental Protection Act	Under the Ontario Water Resources Act	Under the Pesticides Act	Total	Convictions	Aquittals & Dismissals	Charges Withdrawn	Other[1]	Highest Fine
1977-78	43	17	9	69	41	4	3	21	$14,400. - York Sanitation (12 charges)
1978-79	55	9	7	71	32	4	2	33	$26,500. - York Sanitation (42 charges)
1979-80	77	18	10	105	46 (2 under appeal)	11 (3 under appeal)	2	46	$6,000. - Refluent Investments (5 charges)
1980-81	78	27	6	111	60 (2 under appeal)	16 (9 under appeal	8	27	$19,500- Inco Ltd.
1981-82	73	24	8	105	65	11 (2 under appeal)	2	27	$22,000 Canadian National Railways (10charges)

[1] Includes cases appealed by accused and cases appealed by the Ministry. Also includes stays of proceedings, trials which have not yet concluded and cases which have not yet come to trial but charges have been laid.

Source: Ministry of the Environment, Legal Services Branch
(For further details on individual cases, see the "Prosecution Activity" file in the Legal Services Branch.)

Table 1.19

Pollution Abatement and Environmental Protection Activities
Estimated Capital Costs of Pollution Control Facilities for Industrial Sectors, Ontario[1], 1969-1981

Year	Basic Iron & Steel	Chemicals	Food	Metal Working Plating & Finishing	Mining & Metallurgy	Petroleum & Petro chemicals	Pulp and Paper	Service Industry	Miscellaneous Manufacturing[2]	Total Approvals
					$000's					
1969	531	2,276	1,960	-	958	-	5,686	273	3,397	15,080
1970	25	2,059	716	673	1,872	1,177	6,502	10,315	2,086	25,515
1971	12,983	3,837	824	528	13,301	2,084	6,519	2,043	785	42,904
1972	2,230	3,861	1,808	88	3,071	4,671	13,372	431	2,662	32,824
1973	3,804	867	41	101	37,101	3,489	5,323	559	1,267	52,558
1974	5,750	2,013	20	55	2,144	5,373	5,952	960	285	22,552
1975	4,849	11,941	223	256	5,812	6,025	3,434	693	633	31,136
1976	5,182	1,665	646	937	253	24,577	4,529	6,802	18	44,609
1977	350	9,010	980	43	2,386	10,742	16,537	1,140	44	41.231
1978										
Air	4,803	5,254	12,086	1,243	31,776	3,582	7,046	771	6,578	73,139
Water	5,420	17,090	122	75	10,941	60	3,578	2,058	2,936	42,279
1979										
Air	813	2,138	2,633	891	4,557	6	1,409	[3]	13,441	25,888
Water	15,435	3,292	1,724	2,581	1,242	462	43,924	2,317	569	71,546
1980										
Air	43,227	5,329	2,309	1,139	5,742	3,655	6,628	336	15,938	84,303
Water	14,700	3,354	1,226	112	3,708	5,014	25,229	1,742	391	55,546
1981										
Air	38,476	6,013	1,133	631	10,642	2,078	11,725	1,689	15,389	87,780
Water	53,875	7,420	3,129	79	57,504	30,282	34,549	50,872	3,432	241,143

[1] 1969-1977 estimates are for water pollution control costs only. 1978-1980 include estimates of both air and water pollution control capital costs. These are cost estimates provided by proponents on their applications for Certificates of Approval. Only cost estimates for pollution abatement facilities have been extracted for this compilation.
Proponents are not obliged to supply cost estimates and, in some cases, these data are omitted. Consequently, these figures represent the order of magnitude of private capital expenditure for pollution abatement but likely understate the actual amounts. All estimates are in current dollars unadjusted for inflation.

[2] Includes Tanning and Rendering.

[3] Included in Miscellaneous Manufacturing.

Source: Ministry of the Environment, Applications for Certificates of Approval, Industrial Approvals Section, Environment Approvals Branch

Table 1.20
Pollution Abatement and Environmental Protection Activities
Expenditures by the Public Sector in Ontario, 1976-77 to 1981-82

	1976-77	1977-78	1978-79	1979-80^{r}	1980-81	1981-82^{p}
Capital Expenditures						
			$'000[1]			
Capital Construction–Water Sewage and Drainage Facilities						
Water Mains, Hydrants, Services	120,911	140,670	166,113^{r}	155,914	144,257	168,185
Water Treatment, Pumping Stations, Storage Tanks	46,615	53,687	43,557^{r}	37,229	32,493	37,224
Tile Drains, Drainage Ditches, Storm Sewers	125,558	151,065	161,978^{r}	173,316	163,087	164,038
Sewage Systems, Treatment Plants, Connections	270,014	245,480	255,391^{r}	273,526	220,992	236,141
Total	563,098	590,902	627,039^{r}	639,985	560,829	605,588
Capital Construction - Resource Recovery Plant	7,024	2,804	1,858	–	–	
Total	570,122	593,706	628,897^{r}	639,985	560,829	605,588
Direct Operation and Maintenance Expenditures by the Public Sector for Water, Sewage and Solid Wastes Systems	557,223	567,373	626,042^{r}	655,554	..	..
Expenditures for Environmental Protection Programs by the Ministries of the Provincial Government[2]	49,871	55,143	59,673	65,740	72,942	81,028
Total	1,177,215	1,216,222	1,297,700	1,377,394	..	..

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[1] Fiscal year is April 1 to March 31. Capital Construction data are published on a calendar year basis. However, most of the construction actually takes place after March. Therefore, fiscal year 1974/75 is equivalent to calendar year 1974 and so on.

2) Ministry of the Environment Expenditures and also Ministry of Labour Expenditures in 1978-79 and 1979-80

Sources: S.C., *Construction in Canada*, (64-201)
S.C., *Local Government Finance, Revenue and Expenditure Assets and Liabilities, Actual* (68-204)
Public Accounts of Ontario

Table 1.21

Pollution Abatement and Environmental Protection Activities
Ontario Ministry of the Environment Expenditure Composition, 1977-78 to 1981-82[1]

	1977-78		1978-79		1979-80		1980-81		1981-82	
	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total	$000's	Per Cent of Total
Direct Capital Expenditures or Disbursements (Construction of sewage, water and solid waste treatment plants)	137,876	54.9	149,094	54.7	139,481	50.2	124,241	40.1	101,456	29.4
Capital Related Transfer Payments (towards cost of municipal and private plants)	25,669	10.2	30,563	11.2	36,051	13.0	66,048	21.3	112,956	32.7
Direct Operation and Maintenance of Ministry-Owned Plants	32,421	12.9	35,267	12.9	39,006	14.0	46,277	15.0	50,037	14.5
Sub-Total: Construction and Operation of sewage, water and waste treatment plants	195,966	78.0	214,924	78.8	214,538	77.2	236,566	76.4	264,449	76.5
General Administration	6,500	2.6	6,551	2.4	7,648	2.8	8,924	2.9	9,451	2.7
Assessment and Planning (includes Lottery Funds for R & D)	18,087 (708)	7.2	19,317 (1,911)	7.1	21,555 (2,628)	7.8	25,008 (1,800)	8.1	28,534 (900)	8.3
Waste Management	4,091	1.6	5,508	2.0	6,029	2.2	7,508	2.4	8,860	2.6
Monitoring and Control	26,465	10.5	26,286	9.6	27,996	10.1	422	10.4	34,183	9.9
Sub-Total: Environmental Protection Programs	55,143	22.0	57,662	21.2	63,228	22.8	72,942	23.9	81,028	23.5
Total M.O.E. Expenditure:	251,109	100.0	272,586	100.0	277,766	100.0	309,508	100.0	345,477	100.0
Total Provincial Expenditure:	11,921,237		13,129,484		14,156,943		15,345,866		16,835,820	
M.O.E. As a Per Cent of Provincial Expenditure:	1.9		1.9		1.9			1.8		1.8

1) Fiscal Year is the Period April 1st to March 31st

Source: Ontario Public Accounts

Section 2

Population

Highlights

- **Population of Canada and Ontario** – In 1981 Canada's Census population stood at 24.3 million, a 12.9 per cent increase over the 1971 Census population of 21.6 million and a 5.9 per cent increase over the 1976 Census population of 23.0 million. Ontario's 1981 population of 8.6 million represented 35.4 per cent of Canada's population and was an increase of 4.4 per cent over the 1976 Census population of 8.3 million. In 1981, 50.4 per cent of Canada's population was female, as compared to 50.8 per cent female in Ontario. In 1981, 48.9 per cent of the Ontario population was under the age of 30; the corresponding figure in 1956 was 50.8 per cent. 1981 population data reveal that 42.7 per cent of Ontario's population were never married, while 50.3 per cent were married.

  In 1981, there were 1.9 million people in Ontario aged 0-14. This was a decrease of 9.0% from 1976. In all other age groups the population increased between the 1976 and 1981 censuses. The 15-24 category increased by 3.0% to 1.6 million people in 1981. The 25-44 year old population was 2.5 million in 1981, 11.6% higher than in 1976. For the 45 to 64 category the 1981 population was 1.7 million, a 6.7% increase from 1976 and for the 65 and over group the corresponding figures were 0.9 million, a 17.5% increase.

- **Census Metropolitan Areas** – The population of Toronto, Ottawa-Hull and Hamilton increased by 6.7 per cent, 14.9 per cent and 6.2 per cent respectively between 1971 and 1981. In 1951, 44.6 per cent of Toronto's population was located in the suburban portion; by 1981 this figure had increased to 80.0 per cent. During the same period, the suburban portion of Ottawa-Hull increased from 35.2 per cent to 58.9 per cent, Hamilton increased from 20.2 per cent to 43.5 per cent.

- **Urban and Rural Population Distribution** – The percentage of Ontario's population living in urban areas in 1956 was 75.9 per cent; by 1981 this had risen to 81.7 per cent. 75.4 per cent of Ontario's 1971 urban population were Canadian-born compared with 89.2 per cent of the 1971 rural population. In 1971, of the 1.7 million Ontario residents born in foreign countries, 91.5 per cent lived in urban areas. Of the total residents in Ontario in 1971, 6.7 per cent came from the United Kingdom, 3.3 per cent from Italy, 1.3 per cent from Germany, and 1.3 per cent from the United States.

- **Registered Indian Population** – Ontario had 68,726 registered Indians in 1980 of whom 49.9 per cent were male. The increase in total registered Indians in Ontario from 1975 to 1980 was 11.5 per cent. In 1980 the majority of registered Indians in Ontario, 64.6 per cent, lived on reserves; 32.6 per cent lived away from reserves; and 2.8 per cent lived on crown lands.

Definitions

All figures for population are estimates, except those of the Census. Estimates for population are based on censes year figures. For example, estimates after 1976 are based on the 1976 census population tabulations with births and immigrants added and deaths and emigrants deducted.

Language Official – Refers to the ability to carry on a conversation of some length on various topics in either of the official languages of Canada (English and French).

Language Most Often Spoken at Home – Refers to the language spoken most frequently by the person in his home.

Mother Tongue – Refers to the first language learned in childhood and still understood by an individual. Infants who have not yet learned to speak are considered to have as mother tongue the first language they are, or will be, learning.

Population (Canadian Residents) – Refers to the total number of persons whose usual place of residence at the census date was somewhere in Canada, including Canadian government employees and their families stationed abroad, members of Canadian Armed Forces and their families, stationed abroad and crews of Canadian merchant vessels. Not included are government representatives of other countries and their families attached to the legation, embassy, or other diplomatic body of that country, members of the Armed Forces of other countries stationed in Canada and members of their families who are not citizens of Canada, students attending school in Canada whose usual residence is outside Canada, and residents of another country visiting in Canada temporarily.

Farm Population – All persons living in a dwelling situated on a census-farm (as defined in the census) were considered to be farm population, regardless of their occupation. In the case of institutions located on a census-farm, only the manager, hired agricultural workers and members of their households were included with this population. Persons living on census-farms that were located in cities, towns and villages were included with the census-farm population of the adjoining rural subdivision.

Rural Farm Population – Refers to all persons living in rural areas, who are members of the households of farm operators living on their farms for any length of time during the 12 month period prior to the census.

Rural Non-farm Population – Refers to all persons living in rural areas who are not members of the households of farm operators living on their farms for any length of time during the 12 month period prior to the census.

Urban Population – The urban population includes all persons living in an area having a population concentration of 1,000 or over and a population density of 400 or more per square kilometre.

Religion – Refers to specific religious groups or bodies, denominations, sects, cults or religious communities.

Respondents were instructed to report a specific denomination even if they were not necessarily active members of the denomination. For infants and young children, the religion to be reported was the one in which they were being brought up. The census information on religion does not reflect actual membership, nor the degree of affiliation with, or commitment to, a given religious group.

Rounding Methodology – For tabulations derived from the Census of Population the random rounding technique was utilized. Every number in the tabulation is a multiple of five, or all numbers in the table have as their final digit either 5 or 0. The technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data.

Census Metropolitan Area (CMA) – Refers to the main labour market area of an urbanized core (or continuously built-up area) having 100,000 or more population. CMAs are created by Statistics Canada and are usually known by the name of the urban area forming their urbanized core. They contain whole municipalities.

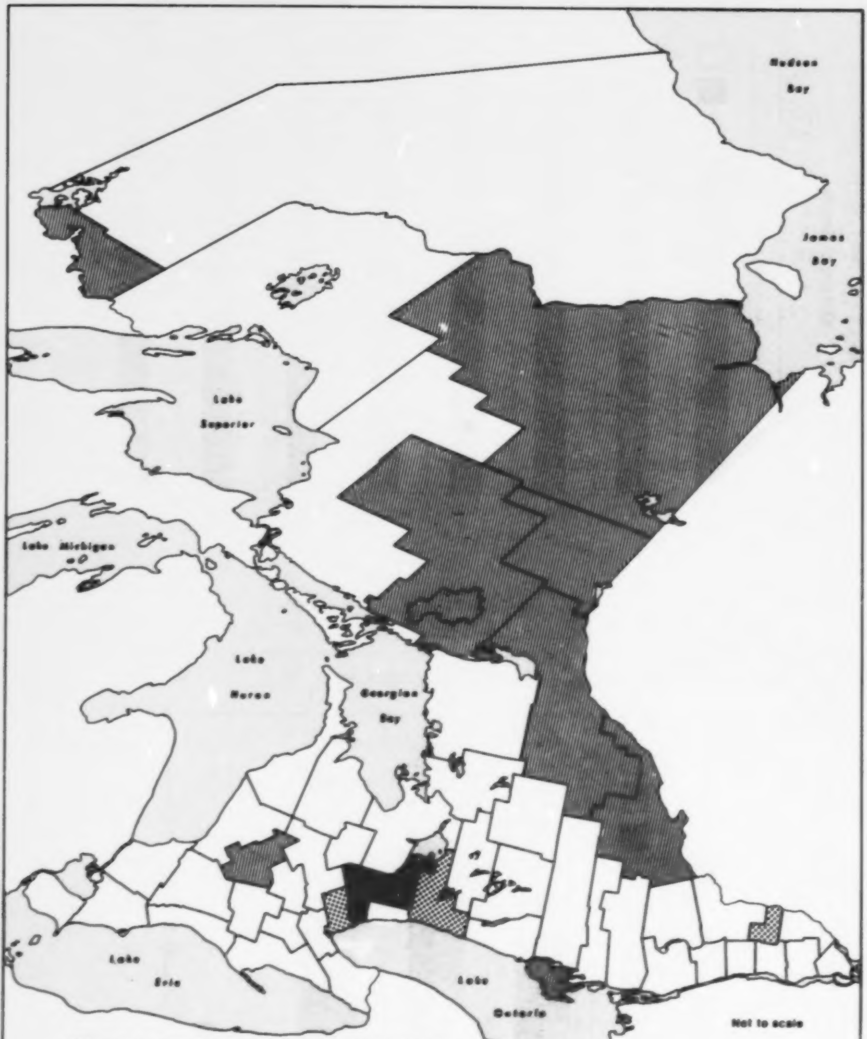
Census Agglomeration – Refers to the main labour market area of an urbanized core (or continuously built-up area) having between 10,000 and 99,999 populations.

County – A basic political and/or administrative division in New Brunswick, Nova Scotia, Prince Edward Island, Quebec and Ontario. In Ontario there also exist a number of Regional Municipalities (e.g. Halton) and one Metropolitan Municipality (Toronto). These areas are treated as Counties.

Municipality – Refers to an area with corporate status governed by Provincial and Territorial Acts. These acts differ from Province to Province.

Registered Indian – is a person who persuant to the Indian Act is registered as an Indian.

Enfranchisement of Registered Indian – A person with respect to whom an order for enfranchisement is made under the Indian Act shall from the date thereof or from the date of enfranchisement provided therein be deemed not to be an Indian within the meaning of the Indian Act.


Hudson Bay
James Bay
Lake Superior
Lake Michigan
Lake Huron
Georgian Bay
Lake Erie
Lake Ontario
Not to scale

Map 2.A Population Change[1], 1976-1981

Percent

Decrease ▨

Increase □ 0-9.9

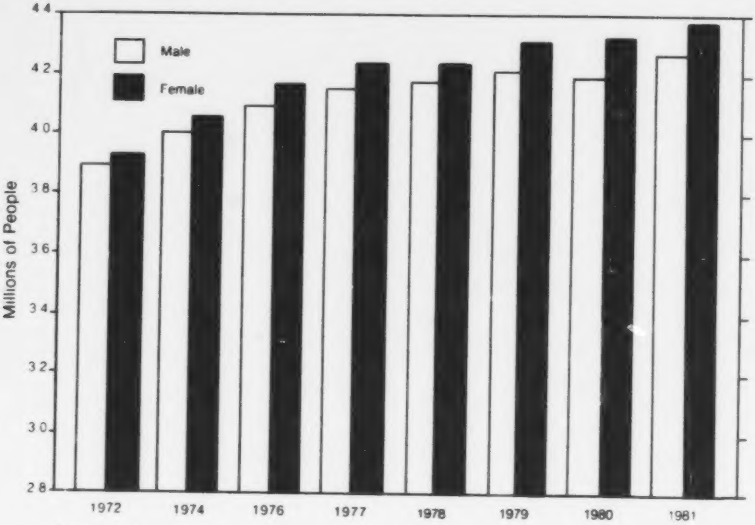
Increase ▩ 10-19.9

Increase ■ > 19.9

[1] Census Population by County

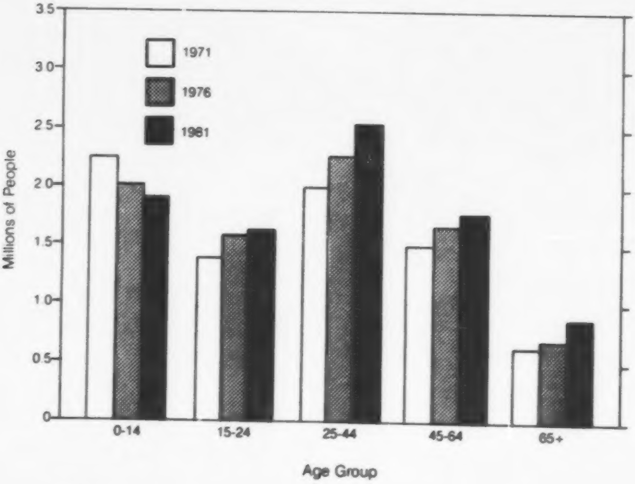
Source: Ministry of Treasury and Economics
Office of Economic Policy
Statistical Services Branch

Graph 2.B
Population by Sex, Ontario, Selected Years, 1972-1981



Refer to Table 2.1

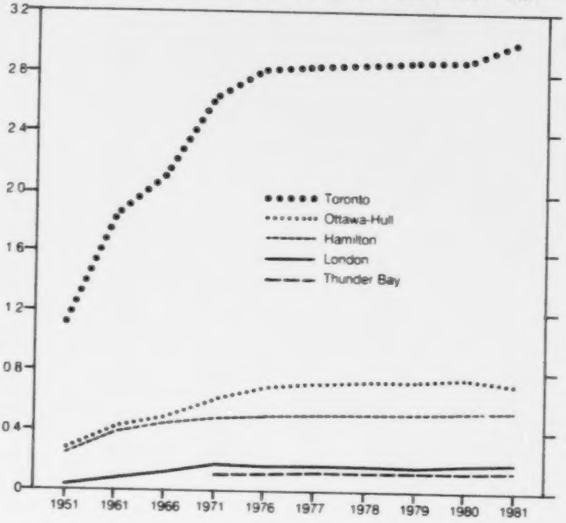
Graph 2.C
Population by Age Group, Ontario, Selected Years, 1971-1981



Refer to Table 2.2

Graph 2.D

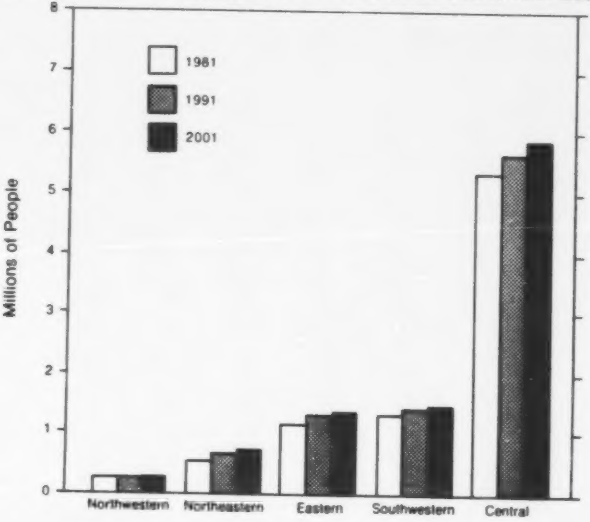
Population by Census Metropolitan Area, Ontario, Selected Years, 1951-1981



Refer to Table 2.14

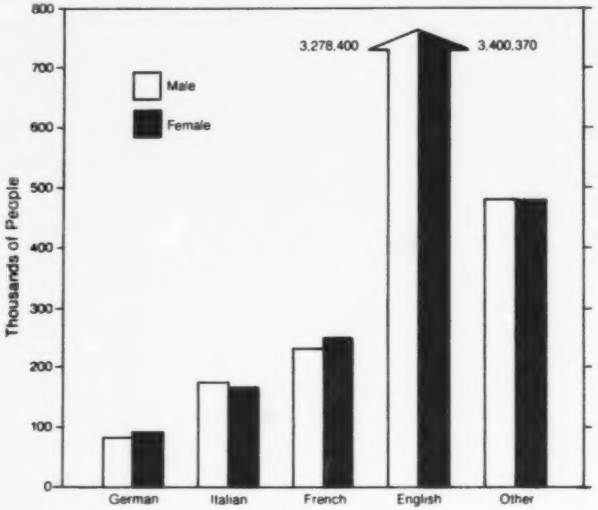
Graph 2.E

Population Projections, by Planning Region, Ontario, Selected Years, 1981-2001



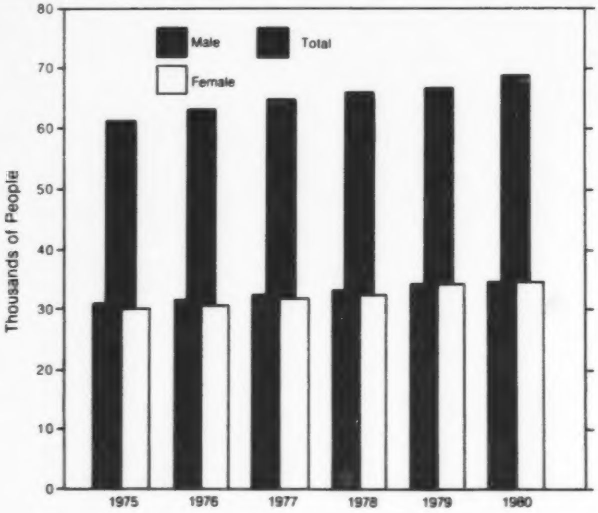
Refer to Table 2.6

Graph 2.F
Population by Mother Tongue and Sex, Ontario, 1981



Refer to Table 2.11

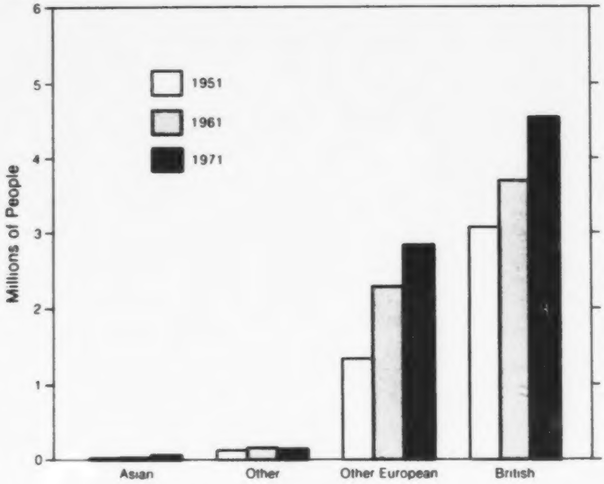
Graph 2.G
Registered Indian Population, by Sex, Ontario, 1975-1980



Refer to Table 2.21

Graph 2.H

Population by Ethnic Group, Ontario, Census Years, 1951-1971



Refer to Table 2.19

Table 2.1
Population by Province, Canada 1955-1981

	1955	1956	1957	1958	1959	1960	1961	1962	1963
					'000's				
Canada	15,698	16,081	16,610	17,080	17,483	17,870	18,238	18,583	18,931
Ontario	5,266	5,405	5,636	5,821	5,969	6,111	6,236	6,351	6,481
Newfoundland	406	415	424	432	441	448	458	468	476
Prince Edward Island	100	99	99	100	101	103	105	107	108
Nova Scotia	683	695	701	709	719	727	737	746	751
New Brunswick	547	555	562	571	582	589	598	605	609
Québec	4,517	4,628	4,769	4,904	5,024	5,142	5,259	5,371	5,481
Manitoba	839	850	862	875	891	906	922	936	949
Saskatchewan	878	881	880	891	907	915	925	930	933
Alberta	1,091	1,123	1,164	1,206	1,248	1,291	1,332	1,369	1,403
British Columbia	1,342	1,399	1,482	1,538	1,567	1,602	1,629	1,660	1,699
Yukon	11	12	12	13	13	14	14	15	15
Northwest Territories	18	19	19	20	21	22	23	25	26

Table 2.1 (cont'd)

	1964	1965	1966	1967	1968	1969	1970	1971	1972
					'000's				
Canada	19,290	19,644	20,015	20,378	20,701	21,001	21,297	21,569	21,802
Ontario	6,631	6,788	6,961	7,127	7,262	7,385	7,551	7,703	7,810
Newfoundland	483	488	493	499	506	514	517	522	530
Prince Edward Island	109	109	109	109	110	111	110	112	113
Nova Scotia	755	756	756	760	767	775	782	789	795
New Brunswick	611	615	617	620	625	628	627	635	640
Québec	5,584	5,685	5,781	5,864	5,928	5,985	6,013	6,028	6,054
Manitoba	959	965	963	963	971	979	983	988	991
Saskatchewan	942	950	955	957	960	958	941	926	914
Alberta	1,429	1,450	1,463	1,490	1,524	1,559	1,595	1,628	1,657
British Columbia	1,745	1,797	1,874	1,945	2,003	2,060	2,128	2,185	2,241
Yukon	15	14	14	15	15	16	17	18	20
Northwest Territories	27	27	29	29	30	31	33	35	37

Table 2.1 (cont'd.)
Population by Province, Canada, 1955-1981

	1973	1974	1975	1976	1977[2]	1978[2]	1979[2]	1980[2]	1981[1]
					'000's				
Canada	22,043	22,364	22,697	22,993	23,287	23,534	23,769	24,058	24,343
Ontario	7,909	8,054	8,172	8,265	8,355	8,444	8,504	8,574	8,625
Newfoundland	537	542	549	558	561	562	563	565	568
Prince Edward Island	114	115	117	118	120	121	122	123	123
Nova Scotia	804	812	820	829	833	838	842	845	847
New Brunswick	647	654	665	677	684	689	693	696	696
Québec	6,079	6,123	6,179	6,235	6,295	6,312	6,347	6,391	6,438
Manitoba	996	1,008	1,014	1,022	1,028	1,032	1,030	1,025	1,026
Saskatchewan	905	900	907	921	934	943	953	961	968
Alberta	1,690	1,722	1,778	1,838	1,911	1,984	2,059	2,142	2,238
British Columbia	2,302	2,376	2,433	2,467	2,500	2,542	2,590	2,666	2,744
Yukon	21	21	21	22	21	22	22	22	23
Northwest Territories	39	40	41	43	44	45	45	45	46

1) Census figures.
2) Preliminary intercensal estimates.

Source: SC, *Estimates of Population for Canada and the Provinces, (91-201)*
Census of Canada.

Table 2.2
Population by Age Group, Ontario, 1956-1981

Age Group	1956	1957	1958	1959	1960	1961	1962	1963
					'000's			
Total	5,404.9	5,636.0	5,821.0	5,969.0	6,111.0	6,236.1	6,351.0	6,481.0
0-4	628.8	662.4	693.4	710.5	724.3	740.2	751.8	762.6
5-9	563.7	588.0	614.5	634.6	656.9	674.5	686.4	705.5
10-14	425.9	466.3	501.8	531.0	562.2	593.1	615.0	631.6
15-19	346.8	364.9	385.5	399.8	418.5	436.9	466.9	503.4
20-24	365.1	379.5	386.6	385.8	387.3	386.9	393.0	407.0
25-29	417.4	431.6	435.0	431.9	428.5	422.7	414.2	408.7
30-34	438.7	454.9	459.9	463.6	463.4	459.8	453.3	446.3
35-39	390.8	413.2	430.6	444.8	458.0	469.3	472.9	471.3
40-44	361.1	369.7	377.1	385.3	392.1	397.3	408.4	422.2
45-49	312.2	323.7	333.7	344.4	353.5	360.8	366.1	369.9
50-54	269.3	276.9	283.9	293.7	302.1	309.8	317.1	324.8
55-59	236.5	241.2	243.6	249.7	254.4	258.3	264.9	270.9
60-64	194.2	199.1	202.0	208.0	213.3	218.5	222.5	226.6
65-69	167.4	169.2	170.7	173.9	177.0	180.0	183.4	187.7
70-74	134.2	137.3	139.5	142.5	144.2	146.3	147.2	148.4
75-79	83.2	86.5	89.2	92.6	95.5	97.7	100.4	102.4
80-84	44.4	45.6	46.9	49.1	50.9	53.5	55.6	58.0
85-89	18.8	19.3	20.1	20.5	21.3	22.6	23.6	24.7
90 +	6.4	6.7	7.0	7.3	7.6	7.9	8.3	9.0

Table 2.2 (cont'd.)

Population by Age Group, Ontario, 1956-1981

Age Group	1964	1965	1966[1]	1967	1968	1969	1970	1971[1]	1972
					'000's				
Total	6,631.0	6,788.0	6,960.9	7,127.0	7,262.0	7,385.0	7,551.0	7,703.1	7809.9
0-4	764.3	760.3	745.7	727.1	700.8	672.7	654.5	637.3	632.0
5-9	726.4	747.8	770.1	779.9	786.1	787.6	787.5	783.5	758.0
10-14	647.4	665.5	688.3	711.5	732.7	752.8	772.4	787.7	798.2
15-19	539.8	571.3	599.2	628.6	652.3	671.0	693.6	713.4	733.6
20-24	427.9	452.3	485.1	523.6	560.5	595.4	637.6	674.1	672.0
25-29	411.2	418.0	433.9	454.1	475.4	500.0	533.3	567.4	609.5
30-34	444.0	443.8	447.2	450.9	453.0	455.8	465.7	478.1	494.7
35-39	470.2	470.3	472.6	471.5	468.4	465.8	467.2	468.5	466.8
40-44	439.5	455.9	469.4	478.5	480.8	478.6	476.1	474.1	475.3
45-49	373.7	380.2	391.0	404.3	421.0	439.5	457.2	469.8	470.4
50-54	334.5	344.5	353.4	360.6	364.1	366.5	371.8	381.1	402.6
55-59	277.7	285.2	293.3	303.4	314.3	325.2	335.7	343.6	345.5
60-64	231.9	237.8	244.1	251.3	258.0	264.6	272.0	280.0	290.1
65-69	191.6	195.1	199.2	203.5	208.5	214.6	221.1	227.8	233.2
70-74	151.3	155.0	159.0	161.0	162.3	164.4	167.6	171.5	175.8
75-79	104.0	106.3	108.5	112.2	114.8	116.9	119.0	121.0	123.7
80-84	60.0	61.8	63.2	65.4	67.5	69.6	72.0	74.4	76.3
85-89	26.0	27.1	27.9	29.2	30.4	32.0	33.8	35.9	37.3
90 +	9.6	9.8	9.8	10.4	11.1	12.0	12.9	13.9	14.9

Table 2.2 (cont'd)

Age Group	1973	1974	1975	1976[1]	1977[2]	1978[2]	1979[2]	1980[2]	1981[1]
					'000's				
Total	7906.8	8054.1	8172.2	8,284.5	8,354.9	8,444.1	8,504.2	8,573.8	8,625.1
0-4	630.5	630.6	624.2	607.2	605.0	603.9	602.0	597.2	593.0
5-9	722.4	693.0	675.4	667.8	658.9	654.3	644.0	633.5	617.3
10-14	808.7	817.2	816.8	798.8	776.6	744.8	711.7	688.9	676.3
15-19	751.7	772.5	787.2	808.0	813.4	821.1	824.6	824.4	808.9
20-24	680.0	704.6	727.9	744.4	760.3	773.1	777.5	781.8	789.7
25-29	638.7	670.4	696.3	715.8	711.9	717.5	723.5	734.8	734.8
30-34	515.7	543.3	566.4	586.4	628.8	658.5	680.3	703.1	721.5
35-39	466.4	474.5	482.1	490.0	504.9	527.0	546.0	562.8	581.2
40-44	475.7	478.0	476.1	474.6	473.0	471.9	477.1	483.7	491.9
45-49	472.2	472.0	472.6	471.9	473.4	475.6	474.6	471.2	468.0
50-54	424.8	446.6	457.3	465.0	464.2	464.9	464.1	466.7	468.9
55-59	344.6	344.8	353.3	369.4	391.1	413.5	433.5	443.0	448.8
60-64	299.5	309.8	321.2	326.3	329.1	329.7	330.0	339.9	356.5
65-69	238.7	246.3	251.3	260.9	271.5	280.1	289.1	299.5	306.5
70-74	181.4	187.3	192.5	197.3	203.0	209.2	216.3	222.9	231.0
75-79	125.8	128.5	132.5	137.0	141.1	146.2	151.3	156.1	161.0
80-84	78.1	79.3	80.8	83.0	85.6	87.9	91.2	94.6	98.0
85-89	38.3	39.6	40.6	41.5	42.9	44.1	45.5	47.1	49.4
90 +	15.8	16.8	17.8	19.3	20.1	20.7	22.0	22.7	23.3

1) Census figures.
2) Preliminary intercensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.*

Table 2.3

Population by Sex, by Province, Canada 1970-1981

		1970	1971¹	1972	1973	1974	1975
				'000's			
Canada	T	21,297.0	21,568.3	21,801.3	22,043.0	22,363.9	22,697.1
	M	10,669.1	10,795.4	10,900.8	11,010.4	11,159.0	11,313.8
	F	10,627.9	10,772.9	10,900.5	11,032.6	11,204.9	11,383.3
Ontario	T	7,551.0	7,703.1	7,809.9	7,908.8	8,054.1	8,172.2
	M	3,767.1	3,840.9	3,889.6	3,934.3	4,001.9	4,055.9
	F	3,783.9	3,862.2	3,920.3	3,974.5	4,052.2	4,116.4
Newfoundland	T	517.0	522.1	530.0	537.2	541.5	549.1
	M	263.7	266.1	269.9	273.5	275.5	279.2
	F	253.3	256.0	260.0	263.7	266.0	269.9
Prince Edward Island	T	110.0	111.6	112.6	114.0	115.2	117.1
	M	55.5	56.2	56.7	57.3	57.9	58.8
	F	54.5	55.4	55.9	56.7	57.3	58.3
Nova Scotia	T	782.0	787.0	794.6	804.3	811.5	819.5
	M	393.2	394.5	398.9	403.3	406.5	410.0
	F	388.8	392.5	395.7	401.0	405.0	409.4
New Brunswick	T	627.0	634.6	640.1	647.1	653.6	665.2
	M	315.1	319.4	321.9	325.1	328.1	333.6
	F	311.9	315.2	318.2	322.0	325.5	331.6
Québec	T	6,013.0	6,027.8	6,053.6	6,078.9	6,122.7	6,179.0
	M	2,993.4	2,994.6	3,004.9	3,015.0	3,034.3	3,059.7
	F	3,019.6	3,033.2	3,048.7	3,063.8	3,088.4	3,119.3
Manitoba	T	983.0	988.2	991.2	996.2	1,007.5	1,013.6
	M	492.1	494.6	495.5	497.3	502.3	504.7
	F	490.9	493.6	495.7	498.9	505.2	508.9
Saskatchewan	T	941.0	926.2	914.0	904.5	899.7	907.4
	M	479.3	470.7	463.8	458.3	455.2	458.4
	F	461.7	455.5	450.2	446.2	444.5	449.0
Alberta	T	1,595.0	1,627.9	1,657.3	1,689.5	1,722.4	1,778.3
	M	811.2	827.8	842.3	858.3	874.5	902.5
	F	783.8	800.1	815.0	831.2	847.8	875.8
British Columbia	T	2,128.0	2,184.6	2,241.4	2,302.4	2,375.7	2,433.2
	M	1,071.9	1,100.4	1,127.2	1,156.0	1,190.9	1,217.8
	F	1,056.1	1,084.2	1,114.2	1,146.4	1,184.8	1,215.4
Yukon	T	17.0	18.4	19.5	20.5	20.5	21.3
	M	9.2	9.9	10.5	11.1	11.0	11.4
	F	7.8	8.5	9.0	9.5	9.5	9.9
Northwest Territories	T	33.0	34.8	37.3	39.4	39.5	41.2
	M	17.4	18.3	19.6	20.7	20.8	21.7
	F	15.6	16.5	17.7	18.7	18.7	19.5

Table 2.3 (cont'd.)

Population by Sex, by Province, Canada 1970-1981

		1976[1]	1977[2]	1978[2]	1979[2]	1980[2]	1981[1]
				'000's			
Canada	T	22,992.6	23,286.8	23,533.9	23,768.7	24,057.6	24,343.2
	M	11,449.5	11,585.3	11,697.6	11,803.8	11,936.8	12,068.3
	F	11,543.1	11,701.5	11,836.3	11,964.9	12,120.8	12,274.9
Ontario	T	8,264.5	8,354.9	8,444.1	8,504.2	8,573.8	8,625.1
	M	4,096.9	4,136.1	4,174.6	4,198.6	4,227.3	4,246.8
	F	4,167.6	4,218.8	4,269.5	4,305.5	4,346.5	4,378.3
Newfoundland	T	557.7	560.5	561.8	563.0	565.3	567.7
	M	283.4	284.3	284.4	284.5	285.0	285.7
		274.3	276.2	277.4	278.6	280.2	282.0
Prince Edward Island	T	118.2	119.8	121.3	121.9	122.9	122.5
	M	59.3	60.0	60.7	60.9	61.2	60.9
	F	58.9	59.8	60.7	61.0	61.7	61.6
Nova Scotia	T	828.6	833.1	837.5	842.2	845.2	847.4
	M	414.2	415.6	417.0	418.6	419.3	419.6
	F	414.4	417.5	420.5	423.6	426.0	427.9
New Brunswick	T	677.2	684.2	689.1	692.6	696.2	696.4
	M	339.3	342.3	344.1	345.3	346.5	346.0
	F	337.9	342.0	345.0	347.3	349.7	350.4
Québec	T	6,234.4	6,295.2	6,311.6	6,347.1	6,391.4	6,438.4
	M	3,084.6	3,112.1	3,117.6	3,132.5	3,151.7	3,172.2
	F	3,149.8	3,183.1	3,194.0	3,214.6	3,239.7	3,266.2
Manitoba	T	1,021.5	1,028.1	1,031.6	1,029.6	1,025.6	1,026.2
	M	508.0	510.5	511.5	509.7	507.0	506.5
	F	513.5	517.6	520.1	519.9	518.6	519.7
Saskatchewan	T	921.3	934.6	943.5	952.5	961.1	968.3
	M	464.8	471.0	475.0	479.1	482.9	486.1
	F	456.6	463.6	468.5	473.54	478.2	482.2
Alberta	T	1,838.0	1,911.4	1,984.1	2,058.7	2,142.6	2,237.7
	M	932.4	971.0	1,009.3	1,048.8	1,093.1	1,143.2
	F	905.7	940.4	974.8	1,009.9	1,049.5	1,094.5
British Columbia	T	2,466.6	2,499.8	2,542.3	2,589.5	2,666.1	2,744.5
	M	1,232.5	1,248.0	1,268.0	1,290.4	1,327.4	1,365.2
	F	1,234.1	1,251.8	1,274.3	1,299.1	1,338.7	1,379.3
Yukon	T	21.8	21.4	22.2	22.4	22.4	23.2
	M	11.7	11.4	11.8	11.9	11.8	12.2
	F	10.1	10.0	10.4	10.5	10.6	11.0
Northwest Territories	T	42.6	43.7	44.6	44.9	45.1	45.7
	M	22.5	23.0	23.5	23.6	23.6	24.0
	F	20.2	20.7	21.2	21.3	21.4	21.8

1) Census figures.
2) Preliminary intercensal estimates.

Source: SC, *Estimated Population by Sex and Age Group, for Canada and Provinces.*
Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.

Table 2.4

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Total Ontario	M	303,725	317,335	346,655	413,355	392,660	358,805	357,080	291,480	247,225
	F	289,305	299,955	329,685	395,510	397,025	375,990	364,390	289,735	244,730
	T	593,035	617,290	676,345	808,870	789,690	734,800	721,465	581,210	491,955
Eastern Ontario	M	39,745	41,815	46,505	58,750	54,620	50,300	49,565	40,355	33,835
	F	37,835	39,520	43,730	55,580	55,300	51,710	49,840	40,095	33,120
	T	77,555	81,335	90,220	114,335	109,910	102,005	99,420	80,440	66,925
Dundas	M	655	740	825	935	780	675	760	625	520
	F	645	660	795	895	685	655	755	595	480
	T	1,300	1,395	1,620	1,835	1,465	1,335	1,515	1,215	1,000
Frontenac	M	3,670	3,585	4,055	5,510	5,695	4,780	4,310	3,630	3,150
	F	3,400	3,245	3,845	4,965	5,565	4,700	4,170	3,450	2,895
	T	7,065	6,835	7,895	10,475	11,255	9,480	8,480	7,080	6,045
Glengarry	M	715	785	900	1,115	770	685	725	680	525
	F	700	700	855	1,005	650	665	730	620	495
	T	1,415	1,485	1,750	2,125	1,420	1,350	1,460	1,300	1,020
Grenville	M	905	1,035	1,195	1,405	965	975	1,055	950	815
	F	855	975	1,070	1,265	900	1,025	1,125	915	730
	T	1,760	2,010	2,265	2,665	1,865	2,005	2,180	1,865	1,540
Hastings	M	3,770	4,010	4,375	5,480	4,785	3,900	3,935	3,225	2,935
	F	3,540	3,810	4,125	5,230	4,610	4,030	4,015	3,265	2,900
	T	7,310	7,820	8,500	10,710	9,395	7,925	7,950	6,490	5,825
Lanark	M	1,590	1,585	1,730	2,210	1,815	1,810	1,875	1,510	1,200
	F	1,465	1,510	1,645	2,110	1,870	1,790	1,865	1,380	1,120
	T	3,060	3,090	3,375	4,320	3,685	3,595	3,745	2,895	2,315
Leeds	M	1,750	1,915	2,170	2,610	2,100	1,990	2,010	1,715	1,500
	F	1,675	1,795	2,035	2,465	2,115	1,960	2,005	1,675	1,505
	T	3,425	3,710	4,200	5,085	4,215	3,945	4,020	3,390	3,005
Lennox & Addington	M	1,205	1,400	1,495	1,660	1,195	1,350	1,475	1,175	940
	F	1,305	1,290	1,375	1,480	1,135	1,385	1,395	1,100	840
	T	2,505	2,695	2,865	3,135	2,330	2,725	2,870	2,280	1,780
Ottawa-Carleton	M	17,385	18,530	20,670	25,700	26,030	25,175	24,630	19,785	16,260
	F	16,495	17,245	19,260	24,985	28,470	26,795	25,445	20,190	16,385
	T	33,880	35,775	39,930	50,685	54,500	51,975	50,075	39,975	32,645
Prescott	M	1,015	1,085	1,260	1,705	1,470	1,250	1,145	1,055	815
	F	975	1,140	1,200	1,695	1,355	1,175	1,065	1,030	765
	T	1,990	2,225	2,465	3,400	2,820	2,420	2,210	2,080	1,575
Prince Edward	M	690	700	865	1,125	825	740	825	650	600
	F	735	770	825	1,025	785	800	770	640	590
	T	1,420	1,470	1,690	2,145	1,615	1,545	1,595	1,290	1,190
Renfrew	M	3,125	3,175	3,625	4,935	4,305	3,540	3,315	2,605	2,340
	F	3,045	3,180	3,425	4,320	3,480	3,240	3,155	2,560	2,245
	T	6,165	6,360	7,045	9,255	7,785	6,775	6,470	5,165	4,585
Russell	M	1,030	985	1,010	1,125	905	1,005	1,180	885	635
	F	940	950	1,010	1,050	810	1,100	1,095	830	530
	T	1,980	1,930	2,025	2,180	1,710	2,105	2,270	1,710	1,160
Stormont	M	2,240	2,285	2,330	3,235	2,980	2,425	2,325	1,865	1,600
	F	2,060	2,250	2,265	3,090	2,870	2,400	2,250	1,845	1,640
	T	4,300	4,535	4,595	6,320	5,850	4,825	4,580	3,705	3,240

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Total Ontario	M	236,515	235,525	215,765	168,770	141,140	100,720	64,710	34,075	21,245	4,246,790
	F	231,490	233,405	233,080	187,710	164,360	130,270	96,290	63,920	51,460	4,378,320
	T	468,005	468,930	448,850	356,480	305,495	230,990	160,995	98,000	72,710	8,625,105
Eastern Ontario	M	31,485	30,665	29,010	24,335	20,120	14,240	8,735	4,710	3,175	581,930
	F	31,095	31,445	32,420	27,770	24,150	18,655	13,685	9,400	8,000	603,315
	T	62,560	62,095	61,425	52,105	44,290	32,900	22,440	14,100	11,180	1,185,255
Dundas	M	465	455	495	445	380	335	230	125	65	9,510
	F	440	495	480	440	445	365	260	195	160	9,440
	T	895	955	980	885	830	695	495	320	225	18,950
Frontenac	M	2,900	2,865	2,625	2,290	1,890	1,320	775	425	300	53,770
	F	2,945	2,845	3,025	2,485	2,285	1,680	1,210	860	795	54,365
	T	5,845	5,710	5,645	4,780	4,175	2,995	1,980	1,285	1,095	108,135
Glengarry	M	530	525	555	515	460	345	230	120	80	10,260
	F	450	550	570	515	455	365	285	200	180	9,995
	T	985	1,075	1,125	1,035	915	715	515	325	255	20,250
Grenville	M	705	710	690	595	590	455	260	140	90	13,545
	F	685	730	755	700	585	470	370	250	235	13,635
	T	1,390	1,445	1,445	1,290	1,175	930	635	385	325	27,180
Hastings	M	2,950	2,850	2,745	2,385	2,100	1,570	895	480	325	52,715
	F	2,885	2,900	3,015	2,785	2,330	1,825	1,340	860	720	54,165
	T	5,835	5,745	5,760	5,165	4,435	3,400	2,235	1,340	1,045	106,885
Lanark	M	1,095	1,145	1,100	1,020	985	720	495	290	180	22,350
	F	1,085	1,140	1,335	1,245	1,135	915	725	545	445	23,325
	T	2,175	2,280	2,430	2,265	2,120	1,635	1,225	835	625	45,675
Leeds	M	1,450	1,395	1,375	1,270	1,225	935	530	285	200	26,435
	F	1,400	1,480	1,525	1,460	1,350	1,080	780	520	505	27,330
	T	2,850	2,875	2,905	2,725	2,575	2,015	1,320	805	705	53,765
Lennox & Addington	M	830	770	780	695	575	470	305	155	120	16,590
	F	770	800	810	720	585	540	400	295	225	16,450
	T	1,600	1,565	1,590	1,420	1,165	1,005	705	450	345	33,040
Ottawa-Carleton (R.M.)	M	14,920	14,140	12,990	10,340	7,700	4,945	2,925	1,530	1,070	264,735
	F	14,750	14,710	14,805	12,120	10,280	7,660	5,520	3,830	3,165	282,110
	T	29,665	28,850	27,795	22,460	17,985	12,605	8,450	5,355	4,235	546,850
Prescott	M	770	770	735	640	535	405	280	135	90	15,150
	F	795	770	770	680	610	470	325	215	165	15,215
	T	1,570	1,540	1,505	1,320	1,150	875	605	350	260	30,365
Prince Edward	M	575	655	675	625	550	405	275	150	90	11,010
	F	560	625	740	655	545	465	350	235	220	11,330
	T	1,135	1,275	1,410	1,280	1,090	875	625	380	310	22,335
Renfrew	M	2,230	2,325	2,285	1,885	1,670	1,240	790	470	315	44,170
	F	2,280	2,260	2,395	2,135	1,785	1,415	1,065	740	600	43,310
	T	4,505	4,585	4,680	4,020	3,455	2,655	1,850	1,210	915	87,485
Russell	M	475	430	415	370	345	235	180	95	70	11,350
	F	410	435	440	350	325	260	225	155	155	11,060
	T	885	860	855	715	670	490	405	245	230	22,415
Stormont	M	1,590	1,630	1,545	1,260	1,115	860	565	310	180	30,340
	F	1,640	1,705	1,755	1,480	1,435	1,145	830	500	430	31,585
	T	3,225	3,335	3,300	2,745	2,550	2,010	1,395	815	610	61,925

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Central Ontario	M	184,595	191,995	210,380	249,035	243,090	223,320	226,045	185,420	157,280
	F	175,580	180,975	201,010	238,050	247,400	238,390	234,250	185,385	155,965
	T	360,170	372,990	411,400	487,100	490,525	461,735	460,295	370,795	313,250
Brant	M	3,890	4,090	4,260	5,185	4,435	4,125	4,195	3,215	2,760
	F	3,795	3,830	4,050	4,870	4,500	4,420	4,075	3,135	2,630
	T	7,680	7,925	8,310	10,055	8,940	8,550	8,265	6,350	5,385
Dufferin	M	1,295	1,415	1,490	1,540	1,160	1,120	1,410	1,270	1,000
	F	1,225	1,310	1,405	1,430	1,040	1,215	1,445	1,190	905
	T	2,520	2,730	2,900	2,970	2,200	2,335	2,855	2,455	1,910
Durham (R.M.)	M	11,730	12,120	12,325	13,940	12,220	11,885	12,995	11,225	8,730
	F	11,160	11,380	11,785	13,180	11,965	12,865	13,565	10,535	8,195
	T	22,890	23,500	24,110	27,125	24,180	24,745	26,560	21,760	16,925
Haldimand-Norfolk (R.M.)	M	3,370	3,405	3,745	4,550	3,785	3,560	3,465	2,840	2,455
	F	3,160	3,310	3,570	4,095	3,505	3,525	3,275	2,770	2,260
	T	6,530	6,720	7,315	8,645	7,290	7,085	6,745	5,610	4,710
Haliburton	M	330	350	455	510	370	355	385	305	270
	F	325	320	390	445	335	345	370	315	265
	T	655	675	845	955	710	700	755	620	540
Halton (R.M.)	M	8,925	10,390	11,505	13,130	11,030	9,010	10,580	10,410	8,605
	F	8,450	9,615	11,075	12,515	10,275	9,610	11,585	10,455	8,315
	T	17,375	20,000	22,585	25,650	21,305	18,615	22,170	20,870	16,925
Hamilton-Wentworth-(R.M.)	M	13,675	14,005	15,850	19,225	19,530	16,915	15,750	12,690	11,125
	F	12,895	13,310	15,085	18,490	19,435	17,675	16,125	12,730	11,170
	T	26,570	27,320	30,935	37,715	38,965	34,595	31,870	25,420	22,295
Muskoka (D.M.)	M	1,260	1,300	1,335	1,800	1,445	1,340	1,420	1,120	1,035
	F	1,220	1,240	1,335	1,700	1,380	1,415	1,350	1,160	1,010
	T	2,480	2,540	2,670	3,500	2,830	2,760	2,770	2,280	2,040
Niagara (R.M.)	M	12,085	13,390	15,485	18,135	15,625	13,675	13,390	11,705	9,980
	F	11,445	12,675	14,650	17,675	15,415	14,175	14,075	11,700	10,350
	T	23,530	26,065	30,140	35,810	31,045	27,850	27,465	23,405	20,330
Northumberland	M	2,225	2,385	2,605	3,275	2,460	2,340	2,470	1,985	1,695
	F	2,175	2,270	2,435	3,060	2,305	2,280	2,485	1,870	1,705
	T	4,400	4,655	5,035	6,335	4,770	4,625	4,955	3,850	3,405
Peel (R.M.)	M	21,085	22,325	22,720	23,240	21,360	21,280	24,620	21,580	17,520
	F	20,150	21,045	21,780	22,165	22,095	23,470	26,320	20,770	15,660
	T	41,230	43,370	44,500	45,405	43,455	44,750	50,935	42,345	33,185
Peterborough	M	3,380	3,665	4,075	4,935	4,060	3,805	3,895	3,210	2,645
	F	3,265	3,435	3,980	4,665	4,215	3,890	3,945	3,200	2,685
	T	6,645	7,095	8,060	9,600	8,280	7,695	7,840	6,415	5,335
Simcoe	M	8,135	9,140	9,455	11,630	9,375	8,485	9,270	7,915	6,300
	F	7,900	8,540	8,910	10,255	8,925	9,025	9,375	7,600	5,915
	T	16,040	17,685	18,360	21,885	18,300	17,510	18,645	15,510	12,215
Toronto (M.M.)	M	64,975	64,275	73,565	92,770	103,760	95,330	90,755	69,465	61,205
	F	61,375	60,700	70,630	89,710	109,675	102,695	93,805	71,845	64,360
	T	126,350	124,975	144,195	182,460	213,440	198,030	184,560	141,305	125,565

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		45,49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Central Ontario	M	150,910	149,545	135,540	102,620	85,010	60,300	38,320	19,830	12,195	2,625,440
	F	147,860	148,295	145,925	113,600	100,135	80,245	59,000	38,880	31,070	2,722,010
	T	298,760	297,845	281,470	216,210	185,155	140,565	97,310	58,705	43,265	5,347,465
Brant	M	2,555	2,630	2,680	2,155	1,880	1,430	895	445	280	51,110
	F	2,670	2,790	2,875	2,470	2,335	1,800	1,335	960	775	53,320
	T	5,230	5,420	5,555	4,625	4,220	3,230	2,230	1,405	1,055	104,425
Dufferin	M	795	720	650	520	495	400	270	145	85	15,790
	F	695	650	610	595	515	390	325	210	200	15,350
	T	1,490	1,370	1,260	1,110	1,010	790	595	360	285	31,145
Durham (R.M.)	M	7,915	7,190	6,130	4,395	3,465	2,405	1,580	930	545	141,720
	F	7,285	6,850	6,270	4,605	3,920	3,160	2,365	1,595	1,235	141,920
	T	15,195	14,040	12,405	9,000	7,385	5,565	3,950	2,525	1,780	283,640
Haldimand-Norfolk (R.M.)	M	2,300	2,405	2,230	1,850	1,745	1,335	955	505	295	44,785
	F	2,350	2,340	2,405	2,080	1,885	1,580	1,220	730	595	44,665
	T	4,650	4,745	4,640	3,935	3,625	2,915	2,175	1,235	885	89,455
Haliburton	M	285	320	325	400	415	310	195	85	30	5,710
	F	315	325	400	460	385	295	170	105	85	5,650
	T	600	645	725	865	795	610	370	185	120	11,365
Halton (R.M.)	M	7,950	7,555	6,045	4,195	3,065	2,025	1,215	630	390	126,670
	F	7,590	6,920	6,150	4,340	3,500	2,635	1,975	1,215	980	127,210
	T	15,545	14,475	12,200	8,535	6,565	4,660	3,185	1,845	1,375	253,885
Hamilton-Wentworth (R.M.)	M	11,170	12,050	12,055	8,960	7,420	5,085	3,355	1,790	1,050	201,690
	F	11,430	12,370	12,710	9,605	8,440	6,965	5,165	3,430	2,725	209,755
	T	22,595	24,415	24,765	18,565	15,860	12,050	8,520	5,220	3,770	411,445
Muskoka (D.M.)	M	1,020	1,085	1,030	975	1,055	770	495	240	150	18,860
	F	1,010	1,100	1,240	1,170	1,120	875	550	335	310	19,510
	T	2,035	2,180	2,265	2,145	2,170	1,645	1,040	575	455	38,370
Niagara (R.M.)	M	9,905	10,575	10,385	8,225	7,035	4,870	3,255	1,725	1,030	180,480
	F	10,120	10,720	11,445	9,135	7,865	6,145	4,670	3,145	2,420	187,810
	T	20,020	21,295	21,825	17,360	14,900	11,020	7,920	4,865	3,450	368,290
Northumberland	M	1,705	1,755	1,770	1,590	1,525	1,145	655	350	225	32,160
	F	1,645	1,775	2,010	1,855	1,630	1,310	930	595	490	32,805
	T	3,345	3,530	3,775	3,445	3,155	2,455	1,590	940	715	64,965
Peel (R.M.)	M	14,275	11,845	8,795	5,915	3,990	2,520	1,485	695	450	245,685
	F	12,665	10,535	8,760	6,080	4,885	3,535	2,300	1,545	1,290	245,040
	T	26,940	22,385	17,555	11,990	8,880	6,055	3,780	2,240	1,745	490,730
Peterborough	M	2,605	2,710	2,770	2,495	2,410	1,620	920	460	265	49,920
	F	2,660	2,905	3,215	2,965	2,640	1,990	1,270	885	710	52,525
	T	5,260	5,610	5,985	5,460	5,055	3,610	2,185	1,345	980	102,450
Simcoe	M	5,645	5,370	5,215	4,745	4,570	3,495	2,075	980	565	112,355
	F	5,290	5,290	5,840	5,470	5,110	3,790	2,645	1,590	1,240	112,715
	T	10,935	10,655	11,055	10,215	9,680	7,285	4,720	2,570	1,805	225,070
Toronto (M.M.)	M	62,800	64,005	58,895	43,485	35,145	24,975	15,775	8,140	5,075	1,034,395
	F	63,150	65,150	64,315	48,575	43,455	35,670	26,600	17,585	13,710	1,103,000
	T	125,950	129,160	123,210	92,060	78,600	60,650	42,370	25,730	18,785	2,137,395

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

	Sex	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Victoria	M	1,720	1,780	1,840	2,090	1,710	1,550	1,790	1,550	1,155
	F	1,655	1,650	1,770	1,980	1,560	1,740	1,805	1,465	1,125
	T	3,370	3,430	3,605	4,070	3,270	3,295	3,595	3,015	2,275
Waterloo (R.M.)	M	11,860	12,380	13,030	14,400	14,680	13,605	12,980	10,480	8,710
	F	11,360	11,540	12,385	14,220	14,985	13,970	13,180	10,320	8,030
	T	23,220	23,925	25,420	28,620	29,665	27,575	26,160	20,800	16,740
Wellington	M	4,900	5,100	5,375	6,385	6,070	5,415	5,255	4,270	3,550
	F	4,615	4,835	5,160	6,085	5,970	5,535	5,240	4,225	3,415
	T	9,515	9,930	10,535	12,470	12,045	10,955	10,495	8,500	6,965
York (R.M.)	M	9,755	10,480	11,265	12,295	10,015	9,525	11,420	10,185	8,540
	F	9,410	9,970	10,615	11,510	9,820	10,540	12,230	10,100	7,970
	T	19,170	20,450	21,880	23,810	19,835	20,065	23,655	20,285	16,505
Southwestern Ontario	M	47,100	49,065	52,960	61,355	56,535	51,770	49,505	40,215	33,630
	F	44,820	46,750	49,800	59,455	56,555	52,805	49,485	39,580	33,710
	T	91,915	95,815	102,750	120,815	113,105	104,575	99,005	79,795	67,345
Bruce	M	2,545	2,595	2,520	2,815	2,395	2,495	2,540	1,940	1,565
	F	2,350	2,450	2,375	2,705	2,170	2,425	2,255	1,815	1,395
	T	4,895	5,045	4,900	5,520	4,570	4,920	4,795	3,755	2,960
Elgin	M	2,575	2,765	3,040	3,370	2,815	2,475	2,650	2,305	1,930
	F	2,475	2,715	2,935	3,285	2,700	2,575	2,675	2,175	1,845
	T	5,045	5,475	5,975	6,650	5,515	5,050	5,320	4,480	3,770
Essex	M	11,145	12,165	13,520	15,370	13,750	12,275	11,965	9,925	8,165
	F	10,630	11,745	12,835	14,930	13,675	12,655	12,195	9,630	8,415
	T	21,770	23,905	26,355	30,305	27,425	24,930	24,160	19,550	16,585
Grey	M	2,675	2,715	2,980	3,470	2,770	2,705	2,745	2,210	1,925
	F	2,555	2,545	2,845	3,300	2,730	2,705	2,715	2,175	1,855
	T	5,230	5,265	5,830	6,775	5,505	5,410	5,465	4,385	3,780
Huron	M	2,215	2,165	2,385	2,770	2,275	2,105	2,095	1,660	1,395
	F	2,080	2,140	2,300	2,580	2,085	1,945	1,880	1,535	1,415
	T	4,295	4,300	4,685	5,350	4,355	4,050	3,980	3,200	2,810
Kent	M	4,270	4,270	4,520	5,300	4,835	4,360	4,085	3,240	2,800
	F	3,905	4,005	4,200	5,205	4,685	4,270	3,945	3,285	2,740
	T	8,180	8,275	8,720	10,505	9,520	8,630	8,035	6,525	5,540
Lambton	M	4,860	4,870	5,215	5,965	5,710	5,320	5,015	4,030	3,280
	F	4,705	4,740	4,825	5,705	5,425	5,195	4,715	3,875	3,200
	T	9,565	9,610	10,040	11,665	11,140	10,515	9,735	7,910	6,480
Middlesex	M	11,095	11,495	12,515	14,680	15,265	14,010	12,860	10,365	8,635
	F	10,570	10,790	11,665	14,390	16,630	15,195	13,615	10,630	8,890
	T	21,670	22,290	24,180	29,075	31,895	29,205	26,475	21,000	17,525
Oxford	M	3,190	3,375	3,590	4,285	3,750	3,410	3,205	2,620	2,270
	F	3,090	3,245	3,280	4,125	3,640	3,320	3,190	2,555	2,275
	T	6,280	6,620	6,880	8,410	7,395	6,730	6,395	5,170	4,545
Perth	M	2,530	2,650	2,665	3,330	2,970	2,615	2,345	1,920	1,665
	F	2,460	2,375	2,540	3,230	2,815	2,520	2,300	1,905	1,680
	T	4,985	5,030	5,205	6,560	5,785	5,135	4,645	3,820	3,350

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Victoria	M	1,165	1,250	1,255	1,285	1,415	1,065	590	295	185	23,690
	F	1,085	1,240	1,470	1,575	1,425	1,100	720	425	380	24,165
	T	2,245	2,490	2,720	2,860	2,840	2,165	1,310	725	565	47,855
Waterloo (R.M.)	M	7,730	7,685	6,815	5,205	4,185	3,020	2,085	1,070	700	150,635
	F	7,635	7,745	7,555	5,755	5,170	4,260	3,110	2,010	1,620	154,865
	T	15,370	15,435	14,375	10,960	9,360	7,280	5,200	3,080	2,315	305,495
Wellington	M	3,305	3,375	2,970	2,340	2,105	1,650	1,055	610	355	64,090
	F	3,150	3,290	3,200	2,695	2,365	2,000	1,610	1,040	920	65,345
	T	6,450	6,670	6,170	5,030	4,475	3,650	2,665	1,645	1,275	129,430
York (R.M.)	M	7,785	7,020	5,525	3,885	3,090	2,180	1,465	735	520	125,695
	F	7,115	6,300	5,455	4,170	3,490	2,745	2,040	1,480	1,385	126,360
	T	14,905	13,325	10,985	8,050	6,580	4,930	3,505	2,215	1,905	252,055
Southwestern Ontario	M	31,900	33,135	31,225	26,055	22,620	16,910	11,585	6,520	4,145	626,275
	F	31,550	33,275	34,575	29,540	26,005	21,180	16,700	11,380	9,370	646,550
	T	63,445	66,405	65,785	55,605	48,635	38,090	28,300	17,900	13,520	1,272,825
Bruce	M	1,430	1,340	1,315	1,295	1,255	985	650	410	245	30,330
	F	1,340	1,320	1,455	1,450	1,315	1,065	785	570	450	29,695
	T	2,770	2,660	2,760	2,740	2,570	2,050	1,435	975	700	60,020
Elgin	M	1,690	1,685	1,715	1,505	1,295	1,050	640	405	280	34,180
	F	1,600	1,780	1,965	1,670	1,530	1,250	1,000	690	660	35,525
	T	3,290	3,470	3,680	3,175	2,830	2,300	1,640	1,090	940	69,710
Essex	M	8,060	8,570	7,910	6,040	5,075	3,630	2,860	1,655	995	153,085
	F	7,950	8,440	8,935	7,030	5,995	5,095	4,200	2,900	2,140	159,390
	T	16,005	17,005	16,845	13,070	11,070	8,730	7,065	4,555	3,135	312,480
Grey	M	1,815	1,980	1,860	1,825	1,695	1,355	955	505	325	36,530
	F	1,780	2,030	2,065	1,915	1,830	1,545	1,205	815	685	37,295
	T	3,595	4,010	3,930	3,740	3,525	2,900	2,160	1,325	1,005	73,825
Huron	M	1,280	1,410	1,365	1,335	1,320	1,070	625	390	245	28,100
	F	1,250	1,455	1,480	1,540	1,400	1,065	835	535	510	28,025
	T	2,530	2,865	2,845	2,880	2,720	2,135	1,455	920	755	56,125
Kent	M	2,570	2,660	2,540	2,130	1,940	1,380	1,025	545	345	52,830
	F	2,570	2,660	2,900	2,495	2,240	1,835	1,455	1,000	795	54,195
	T	5,140	5,320	5,435	4,625	4,185	3,210	2,480	1,545	1,140	107,020
Lambton	M	3,155	3,415	3,070	2,485	2,105	1,485	945	500	310	61,745
	F	3,175	3,290	3,330	2,770	2,225	1,695	1,275	885	660	61,705
	T	6,330	6,705	6,395	5,260	4,330	3,185	2,225	1,390	975	123,445
Middlesex	M	8,135	8,080	7,675	6,285	5,135	3,695	2,315	1,260	855	154,365
	F	8,175	8,295	8,440	7,020	6,125	4,950	3,740	2,525	2,160	163,815
	T	16,310	16,375	16,115	13,310	11,255	8,645	6,060	3,785	3,010	318,185
Oxford	M	2,180	2,270	2,170	1,710	1,590	1,270	845	475	290	42,500
	F	2,150	2,240	2,285	1,995	1,845	1,475	1,235	800	685	43,420
	T	4,330	4,510	4,455	3,700	3,440	2,740	2,080	1,275	980	85,920
Perth	M	1,585	1,725	1,605	1,445	1,210	990	725	375	255	32,610
	F	1,560	1,765	1,720	1,655	1,500	1,205	970	660	625	33,485
	T	3,145	3,485	3,325	3,105	2,710	2,195	1,700	1,040	880	66,095

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County[1] and Planning Region, Ontario, 1981

		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44
Northeastern Ontario	M	22,790	24,605	26,465	32,430	26,690	22,800	22,465	18,405	16,375
	F	21,775	23,190	25,235	31,275	26,610	23,145	21,905	18,000	16,090
	T	44,580	47,805	51,705	63,675	53,300	45,955	44,360	36,410	32,450
Algoma	M	5,430	5,460	6,070	7,260	6,865	5,895	5,230	4,245	3,810
	F	5,310	5,480	5,640	6,980	6,840	5,685	4,955	4,145	3,605
	T	10,745	10,940	11,705	14,235	13,700	11,580	10,185	8,390	7,415
Cochrane	M	4,180	4,215	4,455	5,385	5,015	4,295	3,840	3,005	2,530
	F	3,880	3,945	4,290	5,180	4,670	4,015	3,605	2,815	2,500
	T	8,065	8,165	8,750	10,560	9,685	8,310	7,440	5,820	5,030
Manitoulin	M	470	475	515	545	405	355	320	280	255
	F	455	480	545	565	360	340	340	265	260
	T	925	955	1,055	1,105	770	695	655	545	515
Nipissing	M	2,870	3,255	3,640	4,700	3,575	2,835	2,890	2,525	2,335
	F	2,700	3,030	3,340	4,535	3,490	2,980	3,015	2,600	2,430
	T	5,570	6,285	6,980	9,230	7,065	5,815	5,910	5,130	4,760
Parry Sound	M	1,050	1,230	1,320	1,750	1,125	1,095	1,130	1,025	960
	F	1,020	1,090	1,305	1,525	1,030	1,065	1,195	980	920
	T	2,070	2,320	2,630	3,270	2,160	2,155	2,320	2,005	1,875
Sudbury (R.M.)	M	6,125	7,060	7,290	9,060	6,850	5,905	6,480	5,280	4,655
	F	5,825	6,445	7,080	8,895	7,440	6,600	6,350	5,240	4,580
	T	11,950	13,505	14,370	17,955	14,285	12,510	12,825	10,525	9,230
Sudbury (T.D.)	M	1,100	1,285	1,345	1,570	1,130	1,030	1,090	880	755
	F	1,080	1,225	1,275	1,410	1,115	1,040	995	820	685
	T	2,180	2,510	2,625	2,975	2,245	2,075	2,090	1,700	1,440
Timiskaming	M	1,565	1,625	1,830	2,160	1,725	1,390	1,485	1,165	1,075
	F	1,505	1,495	1,760	2,185	1,665	1,420	1,450	1,135	1,110
	T	3,075	3,125	3,590	4,345	3,390	2,815	2,935	2,295	2,185
Northwestern Ontario	M	9,500	9,850	10,365	11,800	11,730	10,600	9,490	7,060	6,125
	F	9,310	9,515	9,895	11,140	11,140	9,935	8,900	6,710	5,845
	T	18,800	19,355	20,260	22,940	22,870	20,530	18,390	13,775	11,970
Kenora	M	2,845	2,900	3,050	3,130	2,970	2,530	2,395	1,735	1,525
	F	2,855	2,885	2,785	2,970	2,700	2,400	2,140	1,635	1,445
	T	5,695	5,780	5,835	6,100	5,670	4,930	4,535	3,370	2,970
Rainy River	M	875	1,005	1,030	1,180	1,000	850	800	600	565
	F	850	910	1,020	1,110	920	830	775	620	565
	T	1,720	1,910	2,045	2,290	1,925	1,675	1,570	1,220	1,130
Thunder Bay	M	5,780	5,945	6,285	7,490	7,760	7,220	6,295	4,725	4,035
	F	5,605	5,720	6,090	7,060	7,520	6,705	5,985	4,455	3,835
	T	11,385	11,665	12,380	14,550	15,275	13,925	12,285	9,185	7,870

Table 2.4 (cont'd.)

Census Population by Sex and Age Groups, by County¹ and Planning Region, Ontario, 1981

		45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Northeastern Ontario	M	16,195	15,850	14,025	11,025	9,340	6,475	4,140	2,005	1,165	293,245
	F	15,340	14,660	14,195	11,755	9,845	7,180	4,815	2,990	2,090	290,120
	T	31,530	30,515	28,230	22,780	19,185	13,655	8,945	4,995	3,275	583,365
Algoma	M	3,765	3,655	3,060	2,300	1,840	1,130	745	355	230	67,340
	F	3,510	3,340	2,955	2,350	1,940	1,465	930	605	470	66,215
	T	7,270	7,000	6,020	4,655	3,780	2,595	1,675	965	705	133,550
Cochrane	M	2,515	2,500	2,240	1,685	1,310	1,050	805	365	185	49,575
	F	2,300	2,290	2,115	1,675	1,450	1,080	760	455	270	47,300
	T	4,820	4,790	4,355	3,355	2,760	2,130	1,565	815	455	96,875
Manitoulin	M	280	280	260	250	235	235	150	75	50	5,440
	F	280	265	270	260	280	235	175	110	90	5,565
	T	555	545	530	510	515	475	320	185	140	11,000
Nipissing	M	2,410	2,100	1,835	1,545	1,355	925	555	325	170	39,835
	F	2,205	2,030	2,045	1,775	1,475	1,140	750	490	390	40,430
	T	4,615	4,130	3,880	3,315	2,835	2,065	1,305	815	565	80,270
Parry Sound	M	925	895	930	975	935	720	440	225	165	16,900
	F	860	900	1,075	1,045	960	655	475	290	230	16,625
	T	1,790	1,795	2,010	2,025	1,890	1,375	920	515	400	33,530
Sudbury (R.M.)	M	4,420	4,645	4,050	2,845	2,275	1,405	840	335	210	79,730
	F	4,425	4,210	4,015	3,010	2,305	1,590	1,040	630	375	80,050
	T	8,845	8,855	8,065	5,855	4,580	2,995	1,880	965	590	159,780
Sudbury (T.D.)	M	765	715	640	555	485	305	170	85	30	13,940
	F	670	590	610	555	440	290	170	100	50	13,130
	T	1,435	1,305	1,245	1,110	930	590	340	185	80	27,070
Timiskaming	M	1,115	1,060	1,010	870	905	705	435	240	125	20,485
	F	1,090	1,035	1,110	1,085	995	725	515	310	215	20,805
	T	2,200	2,095	2,125	1,955	1,895	1,430	940	550	340	41,290
Northwestern Ontario	M	6,055	6,310	5,985	4,735	4,040	2,780	1,925	1,020	540	119,905
	F	5,660	5,755	5,960	5,055	4,210	3,005	2,090	1,265	945	116,310
	T	11,715	12,065	11,945	9,790	8,250	5,780	4,010	2,275	1,480	236,210
Kenora	M	1,505	1,385	1,305	1,010	870	625	405	200	95	30,485
	F	1,325	1,250	1,220	1,075	875	605	390	220	175	28,935
	T	2,830	2,635	2,520	2,085	1,745	1,230	795	415	270	59,420
Rainy River	M	555	605	585	540	505	335	230	120	85	11,465
	F	555	585	620	595	475	350	275	165	125	11,335
	T	1,105	1,195	1,210	1,140	980	685	500	280	210	22,795
Thunder Bay	M	3,995	4,315	4,095	3,185	2,665	1,820	1,290	700	360	77,955
	F	3,780	3,920	4,120	3,385	2,860	2,050	1,425	880	645	76,040
	T	7,780	8,235	8,215	6,565	5,525	3,865	2,715	1,580	1,000	153,995

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1) R.M. - Regional Municipality, D.M. - District Municipality, M.M. - Metropolitan Municipality, T.D. - Territorial District.

Source: SC, Census of Canada.

Table 2.5

Population by Sex and Age Group, Ontario, 1976-1981

Age Group	1976[1]			1977[2]			1978[2]		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
					'000's				
Total	8,264.5	4,096.9	4,167.6	8,354.9	4,136.1	4,218.8	8,444.1	4,174.6	4,269.5
0-4	607.2	311.7	295.5	605.0	310.2	294.8	603.9	309.4	294.5
5-9	667.8	342.0	325.9	658.9	338.1	320.8	654.3	336.2	318.2
10-14	798.8	409.3	389.5	776.6	398.1	378.5	744.8	381.9	362.9
15-19	808.0	412.7	395.3	813.4	414.8	398.7	821.1	418.1	403.0
20-24	744.4	368.3	376.1	760.3	376.3	384.0	773.1	383.2	389.9
25-29	715.8	356.4	359.5	711.9	353.0	358.9	717.5	354.1	363.4
30-34	586.4	295.7	290.8	628.8	316.2	312.6	658.5	330.1	328.4
35-39	490.0	247.3	242.7	504.9	254.3	250.6	527.0	265.2	261.8
40-44	474.6	240.8	233.8	473.0	239.7	233.4	471.9	238.7	233.3
45-49	471.9	239.0	233.0	473.4	240.5	232.9	475.6	242.1	233.5
50-54	465.0	227.1	237.9	464.2	227.7	236.4	464.9	229.2	235.8
55-59	369.4	179.0	190.4	391.1	188.9	202.2	413.5	199.1	214.4
60-64	326.3	157.5	168.8	329.1	157.9	171.3	329.7	157.5	172.3
65-69	260.9	120.6	140.4	271.5	125.9	145.6	280.1	130.0	150.1
70-74	197.3	86.4	110.9	203.0	88.2	114.8	209.2	90.6	118.6
75-79	137.0	54.4	82.7	141.1	56.5	84.7	146.2	58.8	87.4
80-84	83.0	29.7	53.3	85.6	30.2	55.4	87.9	30.8	57.1
85-89	41.5	13.5	28.0	42.9	13.7	29.2	44.1	14.0	30.1
90+	19.3	5.9	13.4	20.1	6.0	14.1	20.7	6.0	14.7

Table 2.5 (cont'd.)

Age Group	1979[2]			1980[2]			1981[1]		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
					'000's				
Total	8,504.2	4,198.6	4,305.5	8,573.8	4,227.3	4,346.5	8,625.1	4,246.8	4,378.3
0-4	602.0	308.5	293.6	597.2	305.8	291.4	593.0	303.7	289.3
5-9	644.0	330.9	313.1	633.5	325.6	307.8	617.3	317.3	299.9
10-14	711.7	364.8	346.9	688.9	353.4	335.5	676.3	346.6	329.7
15-19	824.6	419.7	404.8	824.4	420.0	404.3	808.9	413.3	395.5
20-24	777.5	386.1	391.4	781.8	388.8	393.1	789.7	392.7	397.0
25-29	723.5	355.5	367.9	734.8	359.8	375.0	734.8	358.8	376.0
30-34	680.3	339.9	340.4	703.1	349.7	353.4	721.5	357.1	364.4
35-39	546.0	274.4	271.6	562.8	282.6	280.2	581.2	291.5	289.7
40-44	477.1	240.8	236.3	483.7	243.6	240.1	491.9	247.2	244.7
45-49	474.6	241.3	233.4	471.2	239.0	232.2	468.0	236.5	231.5
50-54	464.1	230.4	233.8	466.7	233.0	233.7	468.9	235.5	233.4
55-59	433.5	208.5	225.0	443.0	212.8	230.2	448.8	215.8	233.1
60-64	330.0	156.8	173.2	339.9	161.2	178.7	356.5	168.8	187.7
65-69	289.1	134.3	154.7	299.5	138.7	160.8	305.5	141.1	164.4
70-74	216.3	93.5	122.8	222.9	96.9	126.1	231.0	100.7	130.3
75-79	151.3	61.1	90.2	156.1	62.8	93.3	161.0	64.7	96.3
80-84	91.2	31.7	59.5	94.6	33.0	61.7	98.0	34.1	63.8
85-89	45.5	14.3	31.2	47.1	14.5	32.6	49.4	15.0	34.4
90+	22.0	6.2	15.8	22.7	6.3	16.4	23.3	6.2	17.1

1) Census figures.
2) Preliminary intercensal estimates.

Source: SC, *Revised Annual Estimates of Population, by Sex and Age Group, Canada and the Provinces.*
Estimated Population by Sex and Age Group for Canada and Provinces.
Census of Canada.

Table 2.6

Population Projections[1], by Planning Regions and Counties[2], Ontario, Selected Years 1976-2001

	1976[3]	1981[3]	1986	1991	1996	2001
Total, Province of Ontario	8,264,465	8,625,105	8,955,017	9,230,625	9,422,834	9,532,935
Eastern Ontario	1,149,299	1,185,255	1,234,544	1,266,715	1,284,996	1,291,247
Dundas	18,507	18,950	17,444	16,913	16,239	15,424
Frontenac	108,052	108,135	116,548	119,251	120,528	120,732
Glengarry	19,270	20,250	19,696	20,042	20,190	20,133
Grenville	26,025	27,180	28,056	29,220	30,222	31,011
Hastings	105,837	106,885	114,219	118,037	120,630	122,068
Lanark	44,197	45,675	43,639	43,316	42,659	41,669
Leeds	52,579	53,765	54,767	55,767	56,345	56,456
Lennox & Addington	32,633	33,040	33,713	34,104	34,272	34,162
Ottawa-Carleton (R.M.)	520,533	546,850	570,319	586,951	596,412	599,972
Prescott	29,100	30,365	32,203	33,786	35,007	35,872
Prince Edward	22,559	22,335	22,847	22,946	22,821	22,505
Renfrew	89,099	87,485	92,916	94,730	95,465	95,291
Russell	19,735	22,415	23,936	26,146	28,248	30,139
Stormont	61,173	61,925	64,241	65,506	65,958	65,813
Central Ontario	5,050,849	5,347,485	5,491,415	5,660,344	5,779,420	5,848,910
Brant	99,099	104,425	107,442	111,233	114,195	116,249
Dufferin	28,528	31,145	36,757	41,162	45,541	49,634
Durham (R.M.)	247,473	283,640	291,653	313,413	333,137	349,936
Haldimand-Norfolk (R.M.)	89,252	89,455	94,894	97,614	99,681	101,005
Haliburton	10,795	11,365	11,733	12,248	12,727	13,125
Halton (R.M.)	228,497	253,885	270,222	291,152	309,946	325,543
Hamilton-Wentworth (R.M.)	409,490	411,445	430,973	437,200	438,962	436,643
Muskoka (D.M.)	36,691	38,370	39,672	41,237	42,570	43,633
Niagara (R.M.)	365,438	368,290	386,923	395,722	400,964	402,178
Northumberland	64,441	64,985	68,437	70,623	72,363	73,551
Peel (R.M.)	375,910	490,730	477,816	528,483	577,386	622,187
Peterborough	99,930	102,450	106,050	108,655	110,247	110,855
Simcoe	210,691	225,070	241,007	255,661	268,681	279,784
Toronto (M.M.)	2,124,291	2,137,395	2,125,396	2,083,813	2,016,057	1,929,766
Victoria	43,543	47,855	45,629	46,854	47,855	48,579
Waterloo (R.M.)	289,129	305,495	337,137	358,443	377,282	393,413
Wellington	123,736	129,430	146,843	157,988	168,160	177,158
York (R.M.)	203,915	252,055	272,831	308,843	343,666	375,671
Southwestern Ontario	1,247,176	1,272,825	1,336,442	1,375,684	1,404,788	1,422,914
Bruce	57,472	60,020	63,033	66,206	69,210	71,833
Elgin	69,092	69,710	72,503	74,256	75,650	76,475
Essex	310,362	312,480	333,858	344,136	351,922	356,851
Grey	72,176	73,825	77,711	80,888	83,726	86,009
Huron	56,007	56,125	57,891	59,179	60,177	60,742
Kent	106,130	107,020	113,978	117,461	120,002	121,606
Lambton	120,576	123,445	134,213	140,416	145,337	149,018
Middlesex	303,745	318,185	322,686	328,236	330,590	330,206
Oxford	85,337	85,920	93,269	97,050	100,236	102,669
Perth	66,279	66,095	67,300	67,856	67,938	67,505

Table 2.6 (cont'd.)

Population Projections[1], by Planning Regions and Counties[2], Ontario, Selected Years 1976-2001

	1976[3]	1981[3]	1986	1991	1996	2001
Northeastern Ontario	583,746	583,365	641,683	669,269	689,430	702,375
Algoma	122,883	133,550	137,415	144,199	149,269	152,742
Cochrane	96,825	96,875	104,262	107,667	109,928	111,092
Manitoulin	10,893	11,000	11,404	11,864	12,279	12,581
Nipissing	81,739	80,270	91,891	97,010	100,928	103,713
Parry Sound	32,654	33,530	33,214	33,650	33,826	33,688
Sudbury (R.M.)	167,705	159,780	189,163	198,781	206,063	211,265
Sudbury (T.D.)	27,287	27,070	29,245	30,285	31,020	31,391
Timiskaming	43,760	41,290	45,089	45,813	46,117	45,903
Northwestern Ontario	233,395	236,210	250,933	258,613	264,200	267,489
Kenora	57,980	59,420	60,164	61,159	61,735	61,697
Rainy River	24,768	22,795	25,001	25,122	25,056	24,745
Thunder Bay	150,647	153,995	165,768	172,332	177,409	181,047

1) Projections based on the following assumptions: low fertility; 10,000 net external migration per annum; internal migration at 0.27 per cent of Ontario population. Based on 1976 Census.

2) R.M. - Regional Municipality, D.M. - District Municipality, M.M. - Metropolitan Municipality, T.D. - Territorial District.

3) Census figures.

Source: Ministry of Treasury and Economics, Central Statistical Services.
SC, Census of Canada.

Table 2.7

Population Projections[1], by Age Groups, Ontario, Selected Years 1976-2001

Age Groups	1976[2]	1981[2]	1986[1]	1991[1]	1996[1]	2001[1]
Ontario	8,264,465	8,625,105	8,955,017	9,230,625	9,422,834	9,532,935
0- 4	607,205	593,035	596,847	580,743	534,895	491,148
5- 9	667,815	617,290	596,408	599,262	583,378	537,826
10-14	798,760	676,345	612,267	599,352	602,209	586,368
15-19	807,990	808,870	672,345	614,087	601,245	604,100
20-24	744,365	789,690	804,317	677,076	619,065	606,291
25-29	715,820	734,800	818,699	810,949	684,235	626,456
30-34	586,450	721,465	755,176	822,356	814,691	688,500
35-39	489,990	581,210	719,712	755,009	821,822	814,190
40-44	474,550	491,955	584,364	715,824	750,889	817,050
45-49	471,910	468,005	482,858	577,910	707,644	742,340
50-54	465,005	468,930	460,037	473,403	566,538	693,506
55-59	369,375	448,850	446,930	444,720	457,843	547,883
60-64	326,305	356,480	425,895	423,582	421,654	434,376
65-69	260,930	305,495	322,061	391,822	389,704	388,225
70-74	197,270	230,990	261,886	282,920	344,512	342,673
75-79	137,020	160,995	186,469	214,569	233,185	284,436
80-84	82,955	98,000	118,440	138,175	159,526	174,924
85+	60,750	72,710	90,306	108,866	129,821	152,643

1) Projections based on the following assumptions: low fertility; 10,000 net external migration per annum; internal migration at 0.27 per cent of Ontario population. Based on 1976 Census.

2) Census Figures - Rounded.

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch
SC, Census of Canada.

Table 2.8

Population by Marital Status and Sex, Ontario, Census Years, 1956-1981

	1956	1961	1966	1971	1976	1981
Total	5,404,933	6,236,092	6,960,870	7,703,105	8,264,465	8,625,110
Male	2,721,519	3,134,528	3,479,149	3,840,905	4,096,865	4,246,785
Female	2,683,414	3,101,564	3,481,721	3,862,200	4,167,600	4,378,320
Married[1]	2,603,001	2,942,513	3,216,166	3,645,855	4,052,515	4,336,865
Male	1,304,392	1,472,841	1,605,648	1,821,220	2,019,495	2,158,975
Female	1,298,609	1,469,672	1,610,518	1,824,635	2,033,020	2,177,885
Separated[1]	. .	. .	. .	144,110	160,700	194,060
Male	. .	. .	. .	63,020	68,590	84,535
Female	. .	. .	. .	81,095	92,110	109,520
Widowed	268,709	291,767	326,050	358,235	395,490	436,440
Male	67,576	68,757	67,356	68,340	68,285	72,620
Female	201,133	223,010	258,694	289,890	327,210	363,820
Divorced	14,598	21,776	25,731	70,095	110,355	167,930
Male	5,529	8,548	9,433	28,215	41,820	65,015
Female	9,069	13,228	16,298	41,875	68,535	102,915
Never Married	2,518,625	2,980,036	3,392,923	3,628,920	3,706,100	3,683,865
Male	1,344,022	1,584,382	1,796,712	1,923,130	1,967,265	1,950,175
Female	1,174,603	1,395,654	1,596,211	1,705,795	1,738,840	1,733,695

1) "Separated" are included in "married"

Source: SC, *Population, Marital Status*

Table 2.9

Population by Marital Status, by County, Ontario, 1976 and 1981

	1976				
	Total	Married[1]	Widowed	Divorced	Never Married
Ontario	8,264,465	4,052,515	395,490	110,355	3,706,100
Algoma	122,880	57,670	4,980	1,410	58,820
Brant	99,100	49,265	5,475	1,355	42,980
Bruce	57,475	28,415	3,080	345	25,630
Cochrane	96,825	44,235	4,065	590	47,930
Dufferin	28,525	14,345	1,165	205	12,820
Dundas	18,510	9,205	995	125	8,180
Durham	247,475	124,845	9,205	2,550	110,870
Elgin	69,095	34,135	4,080	905	29,975
Essex	310,360	150,025	17,245	4,720	138,380
Frontenac	108,055	52,095	5,125	1,755	49,080
Glengarry	19,270	8,920	1,075	110	9,165
Grenville	26,025	12,955	1,460	255	11,335
Grey	72,175	36,385	4,250	685	30,860
Haldimand-Norfolk	89,250	44,750	4,885	940	38,680
Haliburton	10,795	5,895	645	100	4,160
Halton	228,500	116,745	6,935	2,165	102,655
Hamilton-Wentworth	409,490	204,380	21,595	6,495	177,020
Hastings	105,835	52,450	5,545	1,315	46,525
Huron	56,010	27,555	3,125	370	24,965
Kenora	57,980	26,275	2,210	460	29,035
Kent	106,130	52,030	5,700	1,125	47,270
Lambton	120,575	60,005	5,380	1,490	53,705
Lanark	44,200	20,990	2,880	455	19,875
Leeds	52,580	26,160	3,035	750	22,635
Lennox-Addington	32,635	16,495	1,425	325	14,385
Manitoulin	10,895	4,665	715	60	5,460
Middlesex	303,745	148,550	14,835	4,720	135,640
Muskoka	36,690	18,855	2,050	455	15,325
Niagara	365,435	183,155	19,020	4,775	158,485
Nipissing	81,735	37,655	3,700	710	39,670
Northumberland	64,440	32,850	3,500	695	27,400
Ottawa-Carleton	520,530	246,070	23,240	7,445	243,780
Oxford	85,335	42,260	4,455	845	37,765
Parry Sound	32,655	16,400	1,940	300	14,020
Peel	375,910	190,525	9,770	3,980	171,630
Perth	66,280	32,400	3,680	515	29,690
Peterborough	99,930	50,085	5,275	1,310	43,265
Prescott	29,100	13,460	1,460	165	14,015
Prince Edward	22,560	11,295	1,240	220	9,805
Rainy River	24,765	11,680	1,230	220	11,635
Renfrew	89,100	42,190	4,505	630	41,770
Russell	19,735	9,260	775	90	9,590
Simcoe	210,690	104,670	10,105	2,315	93,600
Stormont	61,170	29,420	3,420	640	27,690
Sudbury(R.M.)	167,705	79,525	5,680	1,405	81,090
Sudbury(T.D.)	27,285	12,560	995	180	13,555
Thunder Bay	150,645	71,935	7,290	1,655	69,765
Timiskaming	43,760	20,505	2,610	450	20,195
Toronto Metropolitan	2,124,290	1,036,725	110,210	38,670	938,685
Victoria	43,545	22,780	2,500	430	17,835
Waterloo	289,130	143,620	11,925	3,435	130,150
Wellington	123,735	60,510	5,810	1,220	56,200
York	203,915	102,640	7,960	1,840	91,460

Table 2.9 (cont'd.)

Population by Marital Status, by County, Ontario, 1976 and 1981

	1981				
	Total	Married[1]	Widowed	Divorced	Never Married
Ontario	8,625,110	4,336,865	436,440	167,930	3,683,865
Algoma	133,555	65,465	5,665	2,270	60,155
Brant	104,430	53,205	6,000	1,910	43,315
Bruce	60,020	30,930	3,265	480	25,345
Cochrane	96,875	46,505	4,370	1,055	44,940
Dufferin	31,145	16,065	1,310	380	13,390
Dundas	18,945	9,735	1,105	200	7,900
Durham	283,640	148,020	10,695	4,315	120,610
Elgin	69,705	35,335	4,235	1,175	28,960
Essex	312,480	153,715	18,400	6,945	133,410
Frontenac	108,130	53,780	5,735	2,355	46,265
Glengarry	20,255	9,945	1,210	190	8,915
Grenville	27,175	14,295	1,540	395	10,945
Grey	73,825	38,805	4,600	980	29,435
Haldimand-Norfolk	89,455	46,470	5,115	1,310	36,565
Haliburton	11,360	6,540	730	155	3,935
Halton	253,880	133,595	8,710	3,595	107,980
Hamilton-Wentworth	411,445	208,915	23,090	9,665	169,775
Hastings	106,885	55,325	6,115	1,995	43,445
Huron	56,125	28,800	3,275	525	23,525
Kenora	59,420	27,695	2,360	645	28,725
Kent	107,025	53,905	6,225	1,680	45,210
Lambton	123,445	63,440	6,005	2,175	51,825
Lanark	45,675	22,945	3,160	655	18,915
Leeds	53,765	27,765	3,345	960	21,695
Lennox-Addington	33,040	17,170	1,655	485	13,725
Manitoulin	11,000	4,965	790	115	5,135
Middlesex	318,180	160,155	15,910	6,950	135,170
Muskoka	38,370	20,490	2,395	635	14,855
Niagara	368,285	189,755	21,035	7,060	150,435
Nipissing	80,270	39,055	4,055	1,310	35,845
Northumberland	64,965	34,210	3,800	1,060	25,890
Ottawa-Carleton	546,850	267,490	25,820	12,160	241,375
Oxford	85,920	43,960	4,765	1,210	35,985
Parry Sound	33,530	17,820	2,130	450	13,125
Peel	490,730	252,915	13,570	7,335	216,910
Perth	66,095	33,345	3,995	765	27,990
Peterborough	102,455	53,425	5,940	1,945	41,140
Prescott	30,365	14,955	1,630	340	13,445
Prince Edward	22,335	11,815	1,370	330	8,825
Rainy River	22,800	11,225	1,355	300	9,920
Renfrew	87,480	43,370	5,115	1,080	37,915
Russell	22,410	11,155	990	160	10,105
Simcoe	225,070	116,190	11,370	3,545	93,965
Stormont	61,925	30,995	3,865	1,060	26,005
Sudbury (R.M.)	159,780	78,425	6,630	2,450	72,270
Sudbury (T.D.)	27,065	13,245	1,070	295	12,460
Thunder Bay	153,995	75,910	7,850	2,605	67,635
Timiskaming	41,285	20,360	2,645	560	17,720
Toronto Metropolitan	2,137,395	1,045,055	118,410	56,650	917,280
Victoria	47,855	26,105	2,915	670	18,165
Waterloo	305,495	154,930	13,310	5,340	131,920
Wellington	129,435	65,490	6,315	1,810	55,815
York	252,055	131,680	9,465	3,250	107,655

1) Includes Separated.

Source: SC, *Population Marital Status*.

Table 2.10

Population by Mother Tongue in Official Languages and Other, by County, Canada and Ontario, 1981

	English	French	Other[1]	Total
Canada	14,918,455	6,249,095	3,175,630	24,343,180
Ontario	6,678,765	475,605	1,470,735	8,625,105
Algoma	103,480	13,355	16,715	133,555
Brant	91,485	1,180	11,765	104,430
Bruce	56,310	865	2,845	60,020
Cochrane	42,445	46,460	7,970	96,875
Dufferin	28,855	270	2,020	31,145
Dundas	17,265	685	1,000	18,945
Durham	249,790	4,930	28,915	283,640
Elgin	60,425	770	8,520	69,705
Essex	235,925	20,020	56,535	312,480
Frontenac	97,550	2,605	7,975	108,130
Glengarry	11,645	7,805	805	20,255
Grenville	24,785	810	1,585	27,180
Grey	69,310	320	4,195	73,825
Haldimand-Norfolk	77,025	1,300	11,135	89,455
Haliburton	10,885	100	380	11,365
Halton	217,805	4,735	31,340	253,885
Hamilton-Wentworth	319,080	6,930	85,435	411,445
Hastings	100,490	2,015	4,380	106,880
Huron	52,175	420	3,525	56,125
Kenora	43,750	1,960	13,710	59,420
Kent	92,715	4,820	9,490	107,020
Lambton	109,410	3,365	10,670	123,445
Lanark	43,500	990	1,185	45,675
Leeds	50,705	900	2,155	53,765
Lennox & Addington	31,605	380	1,050	33,040
Manitoulin	9,500	80	1,425	11,000
Middlesex	276,005	3,560	38,615	318,185
Muskoka	36,050	470	1,855	38,370
Niagara	289,125	15,775	63,385	368,285
Nipissing	53,345	23,210	3,720	80,265
Northumberland	61,175	640	3,155	64,970
Ottawa-Carleton	385,100	104,955	56,795	546,845
Oxford	75,805	875	9,240	85,920
Parry Sound	31,030	830	1,665	33,525
Peel	381,575	8,290	100,865	490,735
Perth	59,860	315	5,915	66,095
Peterborough	97,290	790	4,375	102,455
Prescott	6,420	23,275	670	30,365
Prince Edward	21,330	165	845	22,335
Rainy River	19,175	640	2,985	22,800
Renfrew	77,255	4,270	5,960	87,485
Russell	5,195	16,755	460	22,410
Simcoe	200,985	7,985	16,105	225,070
Stormont	41,010	18,620	2,300	61,925
Sudbury (R.M.)	93,790	47,295	18,690	159,780
Sudbury (T.D.)	15,950	9,680	1,435	27,070
Thunder Bay	116,815	7,325	29,860	153,995
Timiskaming	28,105	10,905	2,275	41,290
Toronto Metropolitan	1,447,150	32,115	658,125	2,137,395
Victoria	45,540	345	1,960	47,855
Waterloo	244,285	4,400	56,810	305,495
Wellington	112,955	1,230	15,250	129,430
York	208,530	2,800	40,720	252,055

1) Includes Baltic Languages, Celtic Languages, Chinese, Japanese, Croatian, Serbian, etc. Czeck anod Slovak, German, Greek, Indo-Pakistan, Inuit, Italian, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Polish, Portuguese, Russian, Scandinavian, Spanish, Ukrainian, Yiddish, and Other, as in Table 2.11 for Ontario.

Source: SC, Census of Canada.

Table 2.11

Population by Mother Tongue and Sex, Ontario, 1981

Mother Tongue	Total	Male	Female
Total	8,625,105	4,246,785	4,378,320
English	6,678,765	3,278,400	3,400,370
French	475,605	229,225	246,380
Estonian	10,265	4,930	5,340
Latvian	9,725	4,830	4,895
Lithuanian	9,300	4,755	4,545
Byelorussian	355	190	165
Bulgarian	1,350	775	575
Gaelic	750	380	370
Welsh	1,095	520	575
Irish	950	460	485
Scottish	1,065	480	585
Other Celtic	25	15	10
Croatian	23,280	11,935	11,350
Serbian	5,305	2,860	2,440
Slovenian	5,285	2,680	2,605
Yugoslavian	28,340	14,755	13,585
Czech	11,230	5,970	5,260
Slovak	12,195	6,145	6,050
Finnish	23,155	10,415	12,740
German	174,545	83,880	90,665
Greek	65,400	33,645	31,755
Italian	338,980	175,610	163,370
Macedonian	10,515	5,280	5,235
Hungarian	46,120	23,700	22,420
Dutch	78,515	39,995	38,515
Flemish	5,515	2,585	2,930
Frisian	1,125	615	505
Polish	73,765	36,360	37,400
Portuguese	114,280	57,288	57,000
Romanian	5,380	2,690	2,695
Russian	9,505	4,355	5,145
Danish	7,980	4,285	3,695
Icelandic	360	150	215
Norwegian	1,900	975	930
Swedish	3,765	1,790	1,975
Spanish	32,335	15,950	16,385
Ukranian	81,600	40,010	41,590
Yiddish	15,005	7,095	7,905
Slavic	225	120	105
Armenian	7,110	3,610	3,500

Table 2.11 (cont'd.)

Population by Mother Tongue and Sex, Ontario, 1981

Mother Tongue	Total	Male	Female
Cambodian	770	405	365
Chinese	89,355	44,515	44,835
Bengali	1,690	930	755
Cingalese	575	270	305
Hindi	7,945	4,115	3,830
Malayalam	1,230	605	630
Punjabi	13,125	6,765	6,360
Tamil	1,080	585	500
Telugu	315	160	155
Urdu	8,140	4,405	3,725
Indo-Pakistani	14,420	7,080	7,335
Iranian	1,980	1,150	825
Japanese	7,260	3,405	3,850
Kamtai	2,530	1,285	1,250
Korean	10,860	5,115	5,745
Malay	1,195	620	575
Malayo-Polynesian	565	280	290
Philippino	18,415	7,595	10,820
Tagalog	3,550	1,395	2,155
Arabic	26,465	14,635	11,830
Hebrew	4,430	2,360	2,070
Semitic	205	105	100
Turkish	2,550	1,425	1,130
Vietnamese	9,195	5,215	3,980
Other Asian	390	185	210
Swahili	315	185	135
Bantu	205	115	90
Niger-Congo	775	480	295
Other African	290	185	105
Cree	7,370	3,590	3,780
Ojibway	7,560	3,775	3,785
Other Algonquian	110	45	65
Athapaskan	145	75	65
Haidon	55	30	30
Iroquoian	545	245	300
Kutenian	5	–	5
Salishan	10	5	10
Siouan	15	10	5
Tlingit	–	–	–
Tsimshian	10	5	5
Wakashan	10	5	5
Other Indian Language	6,325	3,105	3,220
Inuktituk	95	35	60
Other	1,070	605	460

Source: SC, *Census of Canada*.

Table 2.12

Mother Tongue by Age Group¹, by County, Canada and Ontario, 1981

	English						
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	14,918,455	1,195,550	2,532,275	3,027,695	4,255,990	2,534,765	1,372,190
Ontario	6,678,765	510,850	1,107,585	1,330,330	1,888,690	1,199,120	642,195
Algoma	103,480	9,410	19,670	23,190	28,480	16,125	6,605
Brant	91,485	7,340	15,375	17,700	24,545	16,300	10,225
Bruce	56,310	4,770	9,715	9,790	15,090	9,775	7,170
Cochrane	42,445	4,175	8,450	9,235	11,545	6,255	2,795
Dufferin	28,855	2,475	5,510	5,000	8,555	4,465	2,850
Dundas	17,265	1,240	2,905	3,140	4,435	3,170	2,370
Durham	249,790	22,055	45,510	47,815	77,720	38,850	17,835
Elgin	60,425	4,595	10,425	11,095	15,755	10,905	7,645
Essex	235,925	19,175	43,675	48,980	63,095	39,825	21,170
Frontenac	97,550	6,710	13,995	20,130	27,345	18,820	10,560
Glengarry	11,645	870	1,900	2,110	2,765	2,300	1,700
Grenville	24,785	1,700	4,170	4,350	6,780	4,675	3,100
Grey	69,310	5,065	10,820	11,945	17,745	13,705	10,030
Haldimand-Norfolk	77,025	6,230	13,320	14,940	20,655	13,595	8,295
Haliburton	10,885	650	1,505	1,635	2,505	2,620	1,975
Halton	217,805	16,220	39,875	43,150	64,555	39,305	14,705
Hamilton-Wentworth	319,080	23,620	50,725	65,580	86,015	60,040	33,100
Hastings	100,490	7,095	15,910	19,375	25,915	20,475	11,730
Huron	52,175	4,180	8,745	9,410	12,835	9,685	7,325
Kenora	43,750	4,400	9,025	9,175	12,025	6,375	2,750
Kent	92,715	7,795	16,050	18,605	24,615	15,835	9,810
Lambton	109,410	9,195	18,775	21,460	29,750	19,925	10,310
Lanark	43,500	2,985	6,345	7,765	11,710	8,485	6,205
Leeds	50,705	3,375	7,785	9,025	13,305	10,220	7,005
Lennox-Addington	31,605	2,480	5,500	5,355	9,095	5,665	3,510
Manitoulin	9,500	865	1,870	1,655	1,990	1,730	1,395
Middlesex	276,005	20,410	43,455	56,005	79,150	48,955	28,035
Muskoka	36,050	2,445	5,120	6,170	9,230	7,690	5,395
Niagara	289,125	21,675	51,105	58,480	76,905	52,330	28,630
Nipissing	53,345	4,080	9,615	11,350	14,290	9,550	4,455
Northumberland	61,175	4,335	9,510	10,850	15,570	12,605	8,305
Ottawa-Carleton	385,100	26,075	58,685	77,150	119,015	70,785	33,395
Oxford	75,805	5,975	12,820	14,815	19,720	13,590	8,880
Parry Sound	31,030	2,035	4,845	5,265	7,730	6,630	4,520
Peel	381,575	35,660	76,365	75,530	122,445	54,605	16,970
Perth	59,860	4,690	9,790	11,670	15,115	11,095	7,500
Peterborough	97,290	6,555	14,915	17,420	25,620	20,355	12,420
Prescott	6,420	405	975	1,180	1,750	1,270	840
Prince Edward	21,330	1,405	3,115	3,700	5,290	4,695	3,120
Rainy River	19,175	1,610	3,670	3,850	4,855	3,400	1,790
Renfrew	77,255	5,950	12,850	15,800	20,220	14,445	7,985
Russell	5,195	555	1,040	800	1,830	630	345
Simcoe	200,985	15,360	34,405	37,165	55,685	35,540	22,820
Stormont	41,010	3,210	6,585	8,460	10,420	7,545	4,780
Sudbury (R.M.)	93,790	8,420	19,330	20,705	26,265	14,290	4,785
Sudbury (T.D.)	15,950	1,530	3,430	3,255	4,305	2,405	1,020
Thunder Bay	116,815	10,345	21,655	25,685	33,625	17,655	7,850
Timiskaming	28,105	2,300	4,895	5,470	6,875	5,220	3,350
Toronto	1,447,150	96,760	204,010	299,145	417,515	280,870	148,850
Victoria	45,540	3,330	6,935	7,200	11,430	9,415	7,240
Waterloo	244,285	20,605	43,400	50,290	71,510	39,360	19,125
Wellington	112,955	8,935	19,105	22,450	31,250	19,380	11,840
York	208,530	17,520	38,440	38,870	62,250	35,675	15,775

Table 2.12 (cont'd.)

Mother Tongue by Age Group[1], by County, Canada and Ontario 1981

	French						
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	6,249,095	460,710	887,395	1,241,515	1,940,015	1,186,410	533,055
Ontario	475,605	25,885	59,345	87,935	152,675	105,030	44,735
Algoma	13,355	935	1,885	2,815	4,435	2,565	725
Brant	1,180	40	90	150	435	355	110
Bruce	865	70	100	100	410	155	35
Cochrane	46,460	3,640	7,855	10,090	13,170	8,395	3,310
Dufferin	270	5	25	25	140	65	10
Dundas	685	35	85	85	265	150	65
Durham	4,930	155	405	755	2,070	1,305	235
Elgin	770	15	60	105	310	195	80
Essex	20,020	575	1,685	2,445	5,470	6,030	3,815
Frontenac	2,605	115	175	615	950	560	190
Glengarry	7,805	525	1,290	1,355	2,190	1,550	890
Grenville	810	40	60	80	320	235	75
Grey	320	5	15	35	135	95	40
Haldimand-Norfolk	1,300	30	70	140	465	390	200
Haliburton	100	–	–	15	35	40	10
Halton	4,735	195	495	725	2,005	1,080	235
Hamilton-Wentworth	6,930	190	565	1,035	2,430	1,960	750
Hastings	2,015	125	160	340	755	500	140
Huron	420	–	15	25	130	170	90
Kenora	1,960	50	165	275	685	565	210
Kent	4,820	155	375	625	1,370	1,380	915
Lambton	3,365	90	260	440	1,200	1,010	365
Lanark	990	40	55	165	410	240	80
Leeds	900	20	40	110	350	255	125
Lennox-Addington	380	10	30	25	190	95	35
Manitoulin	80	5	–	5	35	20	10
Middlesex	3,560	95	205	510	1,485	955	315
Muskoka	470	10	10	40	155	150	105
Niagara	15,775	665	1,700	2,610	5,170	4,260	1,370
Nipissing	23,210	1,415	3,400	4,570	6,250	5,050	2,520
Northumberland	640	15	35	60	260	195	70
Ottawa-Carleton	104,955	5,480	12,185	20,605	34,135	22,180	10,375
Oxford	875	25	65	110	345	235	85
Parry Sound	830	15	55	60	255	270	180
Peel	8,290	350	865	1,200	3,955	1,635	290
Perth	315	5	10	45	135	95	25
Peterborough	790	5	45	100	260	245	130
Prescott	23,275	1,560	3,650	4,955	6,340	4,430	2,340
Prince Edward	165	5	10	15	55	55	20
Rainy River	640	10	50	60	180	200	130
Renfrew	4,270	145	340	845	1,325	1,075	535
Russell	16,755	1,385	2,890	3,050	5,195	2,575	1,660
Simcoe	7,985	290	675	1,615	2,650	1,770	985
Stormont	18,620	1,005	2,385	3,470	5,190	4,275	2,285
Sudbury (R.M.)	47,295	3,205	7,465	9,655	14,140	9,640	3,190
Sudbury (T.D.)	9,680	625	1,645	1,860	2,645	2,105	805
Thunder Bay	7,325	430	880	1,305	2,455	1,780	480
Timiskaming	10,905	750	1,770	2,135	2,930	2,270	1,040
Toronto	32,115	985	2,270	5,190	12,985	8,185	2,490
Victoria	345	5	25	20	125	120	55
Waterloo	4,400	155	375	730	1,915	975	255
Wellington	1,230	35	110	220	485	290	80
York-	2,800	110	260	310	1,290	660	170

Table 2.12 (cont'd.)

Mother Tongue by Age Group[1], by County, Canada and Ontario, 1981

	Other than English or French[2]						
	Total	0-4	5-14	15-24	25-44	45-64	65+
Canada	3,175,630	127,110	278,060	389,185	988,340	936,890	455,730
Ontario	1,470,735	56,295	126,700	180,295	488,065	438,110	181,260
Algoma	16,715	395	1,095	1,935	4,655	6,255	2,385
Brant	11,765	305	775	1,145	3,570	4,165	1,805
Bruce	2,845	50	130	200	935	1,005	520
Cochrane	7,970	250	615	930	1,885	2,665	1,630
Dufferin	2,020	45	95	145	860	700	170
Dundas	1,000	25	35	70	360	390	125
Durham	28,915	680	1,695	2,730	10,195	10,480	3,130
Elgin	8,520	430	965	970	2,560	2,515	1,080
Essex	56,535	2,020	4,895	6,300	16,665	17,080	9,560
Frontenac	7,975	240	560	985	2,795	2,610	785
Glengarry	805	15	45	70	170	360	140
Grenville	1,585	20	55	100	485	655	270
Grey	4,195	165	260	290	1,160	1,475	845
Haldimand-Norfolk	11,135	270	640	860	3,030	3,980	2,350
Haliburton	380	5	10	15	80	180	100
Halton	31,340	955	2,220	3,080	12,020	10,370	2,690
Hamilton-Wentworth	85,435	2,755	6,960	10,065	25,740	28,345	11,570
Hastings	4,380	95	245	390	1,525	1,535	590
Huron	3,525	115	225	270	1,075	1,265	580
Kenora	13,710	1,245	2,420	2,315	3,100	3,130	1,495
Kent	9,490	230	570	790	2,745	3,310	1,840
Lambton	10,670	275	615	915	3,690	3,755	1,415
Lanark	1,185	30	65	80	435	435	150
Leeds	2,155	35	90	165	705	880	285
Lennox-Addington	1,050	15	30	90	370	410	130
Manitoulin	1,425	55	135	220	400	395	225
Middlesex	38,615	1,170	2,820	4,450	13,570	12,200	4,405
Muskoka	1,855	25	80	120	460	785	385
Niagara	63,385	1,195	3,400	5,755	16,975	23,910	12,145
Nipissing	3,720	70	245	380	1,080	1,340	605
Northumberland	3,155	50	140	190	1,005	1,295	475
Ottawa-Carleton	56,795	2,325	4,840	7,435	21,525	15,805	4,865
Oxford	9,240	275	595	880	2,775	3,165	1,550
Parry Sound	1,665	15	50	105	375	725	405
Peel	100,865	5,225	10,640	12,125	44,810	22,630	5,435
Perth	5,915	290	435	625	1,695	1,870	1,000
Peterborough	4,375	80	190	355	1,405	1,720	630
Prescott	670	25	65	90	195	230	65
Prince Edward	845	20	35	50	265	345	135
Rainy River	2,985	95	235	300	565	1,045	740
Renfrew	5,960	70	215	385	1,450	2,265	1,570
Russell	460	20	25	40	220	115	30
Simcoe	16,105	385	955	1,410	5,545	5,550	2,255
Stormont	2,300	80	160	235	740	780	310
Sudbury (R.M.)	18,690	325	1,080	1,885	4,680	7,690	3,035
Sudbury (T.D.)	1,435	20	65	110	350	585	305
Thunder Bay	29,860	610	1,505	2,840	7,175	11,360	6,360
Timiskaming	2,275	20	55	130	420	880	765
Toronto	658,125	28,595	62,890	91,585	218,950	181,320	74,790
Victoria	1,960	40	80	120	630	785	310
Waterloo	56,810	2,460	5,570	7,270	17,855	15,805	7,855
Wellington	15,250	545	1,250	1,845	5,175	4,650	1,780
York	40,720	1,540	3,630	4,465	16,970	10,930	3,180

1) 12 age groups were combined to produce these figures.
2) The "Other than English or French" totals includes "Not Stated," persons who did not report a language as mother tongue. It should be noted that the "Not Stated" category includes persons who should have reported English or French as mother tongue.

Source: SC, Census of Canada.

Table 2.13

Population, by Selected Municipality, Ontario, Census Years, 1956-1981

	1956	1961	1966[1]	1971[1]	1976[3]	1981[3]
Ontario	5,404,933	6,236,092	6,960,870	7,703,106	8,264,465	8,625,107
Toronto	667,706	672,407	664,584	712,786	633,318	599,217
North York	170,110	269,959	399,534	504,150	558,398	559,521
Scarborough (Borough)	139,744	217,286	278,377	334,310	387,149	443,353
York (Borough)	117,553	129,645	134,674	147,301	141,367	134,617
East York (Borough)	69,642	72,409	74,200	104,784	106,950	101,974
Etobicoke (Borough)	103,621	156,035	219,542	282,686	297,109	298,713
Hamilton	239,625	273,991	298,121	309,173	312,003	306,434
Ottawa	222,129	268,206	290,741	302,341	304,462	295,163
London	101,693	169,569	194,416	223,222	240,392	254,280
Windsor	121,980	114,367	192,544	203,300	196,526	192,083
Mississauga	..	..	..	156,070	250,017	315,056
Kitchener	59,562	74,485	93,255	111,804	131,870	139,734
St. Catharines	39,708	84,472	97,101	109,722	123,351	124,018
Thunder Bay	77,600	90,490	96,548	108,411	111,476	112,486
Oshawa	50,412	62,415	78,082	91,587	107,023	117,519
Sudbury	46,482	80,120	84,888	90,535	97,604	91,829
Burlington	9,127	47,008	65,941	87,023	104,314	114,853
Sault Ste. Marie	37,329	43,088	74,594	80,332	81,048	82,697
Niagara Falls	23,563	22,351	56,891	67,163	69,423	70,960
Brantford	51,869	55,201	59,854	64,421	66,950	74,315
Oakville	9,983	10,366	52,793	61,483	68,950	75,773
Guelph	33,860	39,838	51,377	60,087	67,538	71,207
Kingston	48,618	53,526	59,004	59,047	56,032	52,616
Peterborough	42,698	47,185	56,177	58,111	59,683	60,620
Sarnia	43,447	50,976	54,552	57,644	55,576	50,892
North Bay	21,020	23,781	23,635	49,187	51,639	51,268
Cornwall	18,158	43,639	45,766	47,116	46,121	46,144
Welland	16,405	36,079	39,960	44,397	45,047	45,448
Brampton	12,587	18,467	36,264	41,211	103,459	149,030
Cambridge	..	..	..	64,794[2]	72,383	77,183
Nepean	9,183	19,753	43,919	64,606	76,947	84,361
Markham	2,873	4,294	7,769	36,684	56,206	77,037
Gloucester	13,598	18,301	23,222	37,145	56,616	72,859
Timmins	27,551	29,270	29,303	28,542	44,747	46,114
Waterloo	16,373	21,366	29,889	36,677	46,623	49,428

[1] In years 1966 to 1971 selected municipalities underwent boundary changes. Please see Statistics Canada Catalogue 92-702 for description of boundary changes.

[2] Figure adjusted to 1976 boundaries.

[3] Selected municipalities underwent boundary changes.

Source: SC, *Population (1951 to 1971: 92-702), (1976: 92-804), (1981: 913-906).*

Table 2.14

Population, by Census Metropolitan Area, Ontario, Selected Years, 1951-1981

Year	Hamilton	Kitchener	London	Oshawa	Ottawa-Hull	St. Catharines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
1951[1]	260	. . .	122	. . .	282	. . .	. . .	. . .	1.117	158
1961[1]	395	155	181	. . .	430	. . .	111	. . .	1,825	193
1966[1]	449	192	207	. . .	495	. . .	117	. . .	2,159	212
1967[2]	471	199	263	. . .	547	289	140	109	2,366	243
1968[2]	480	206	270	. . .	561	293	144	110	2,435	248
1969[2]	488	213	276	. . .	574	296	148	110	2,495	252
1970	494	221	281	. . .	590	300	152	111	2,567	255
1971[1]	498	227	286	135	603	303	155	112	2,628	259
1972[2]	508	245	256	123	633	289	158	116	2,632	249
1973[2]	512	250	259	126	646	293	157	117	2,664	248
1974[2]	518	258	263	129	663	296	157	118	2,716	248
1975[2]	525	266	267	133	679	299	157	118	2,765	248
1976[1]	529	272	270	135	693	302	157	119	2,803	248
1977[2]	532	275	273	139	700	302	156	120	2,853	248
1978[2]	535	279	276	143	707	303	155	121	2,897	247
1979[2]	537	281	279	147	712	304	154	121	2,928	247
1980[2]	540	285	282	151	716	304	152	121	2,965	247
1981[1]	542	288	284	154	718	304	150	121	2,999	246

1) Census population.
2) Intercensal population estimates.

Source: SC, *Estimates of Population for the Census Metropolitan Areas of Canada, (91-207).*

Table 2.15

Central City and Suburban Percentage Shares, by Census Metropolitan Area[1], Ontario, Census years, 1951-1981

	Central City Portion					Suburban Portion				
	1951	1961	1971	1976	1981	1951	1961	1971	1976	1981
Hamilton	79.8	68.3	62.0	58.9	56.5	20.2	31.7	38.0	41.1	43.5
Kitchener	47.1	48.9	49.3	48.5	48.6	52.9	51.1	50.7	51.5	51.4
London	71.8	74.8	78.0	88.9	89.6	28.2	25.2	22.0	11.1	10.4
Oshawa	. . .	. . .	. . .	79.2	76.2	. . .	. . .	. . .	20.8	23.8
Ottawa-Hull	64.8	58.7	50.2	43.9	41.1	35.2	41.3	49.8	56.1	58.9
St. Catharines-Niagara	32.2	33.6	36.2	40.9	40.7	67.8	66.4	63.8	59.1	59.3
Sudbury	70.6	62.9	58.2	62.2	61.3	29.4	37.1	41.8	37.8	38.7
Thunder Bay	96.6	96.7	96.7	93.5	92.7	3.4	3.3	3.3	6.5	7.3
Toronto	55.4	36.6	27.1	22.6	20.0	44.6	63.4	72.9	77.4	80.0
Windsor	82.8	81.1	78.6	79.4	78.0	17.2	18.9	21.4	20.6	22.0

1) Constant 1971 boundaries were used to compute the population in the CMAs and their component parts prior to 1971. Some 1971 CMAs were not CMAs prior to 1971.
2) The Central City portion of Ottawa-Hull is for Ottawa only; it does not include the Central City portion of Hull.

Source: SC, *Perspective of Canada.*
Census of Canada.

Table 2.16

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1956-1981

	1956			1961		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	5,404,933	4,102,919	1,302,014	6,236,092	4,823,529	1,412,563
Algoma	82,059	60,364	21,695	111,408	81,496	29,912
Brant	77,992	61,593	16,399	83,839	63,635	20,204
Bruce	42,070	13,185	28,885	43,036	15,008	28,028
Cochrane	86,768	57,310	29,458	95,666	63,345	32,321
Dufferin	15,569	5,132	10,437	16,095	5,832	10,263
Dundas	16,978	5,716	11,262	17,162	5,633	11,529
Durham	35,827	16,787	19,040	39,916	18,617	21,299
Elgin	59,114	28,025	31,089	62,862	30,745	32,117
Essex	246,901	209,198	37,703	258,218	210,170	48,048
Frontenac	76,534	58,290	18,244	87,534	63,419	24,115
Glengarry	18,693	2,487	16,206	19,217	2,597	16,620
Grenville	20,563	8,644	11,919	22,864	9,269	13,595
Grey	60,971	27,666	33,305	62,005	30,023	31,982
Haldimand	26,069	8,818	17,249	28,197	9,454	18,743
Haliburton	8,012	-	8,012	8,928	-	8,928
Halton	68,297	47,877	20,420	106,967	94,946	12,021
Hastings	83,745	44,126	39,619	93,377	55,726	37,651
Huron	51,728	16,331	35,397	53,805	18,126	35,679
Kenora	47,156	20,826	26,330	51,474	24,754	26,720
Kent	85,362	41,668	43,494	89,427	50,816	38,611
Lambton	89,939	59,534	30,405	102,131	68,482	33,649
Lanark	38,025	21,862	16,163	40,313	23,026	17,287
Leeds	43,077	18,866	24,211	46,889	23,855	23,034
Lennox-Addington	21,611	4,273	17,338	23,717	4,500	19,217
Manitoulin	11,060	1,514	9,546	11,176	1,527	9,649
Middlesex	190,897	160,780	30,117	221,422	181,536	39,886
Muskoka[1]	25,134	8,914	16,220	26,705	9,193	17,512
Niagara[2]	261,346	202,645	58,701	291,415	228,527	62,888
Nipissing	60,452	36,120	24,332	70,568	43,147	27,421
Norfolk	46,122	15,778	30,344	50,475	17,466	33,009
Northumberland	38,018	16,246	21,772	41,892	17,863	24,029
Ontario	108,440	75,287	33,153	135,895	107,727	28,168
Ottawa-Carleton[3]	282,630	266,290	16,340	352,932	325,050	27,882
Oxford	65,228	33,471	31,757	70,499	36,225	34,782
Parry Sound	28,095	6,542	21,553	29,632	9,348	20,284
Peel	83,108	59,601	23,507	111,575	86,989	24,586
Perth	55,057	31,686	23,371	57,452	32,979	24,473
Peterborough	67,981	50,008	17,973	76,375	55,450	20,925
Prescott	26,291	11,900	14,391	27,226	12,780	14,446
Prince Edward	21,145	6,075	15,070	21,108	5,926	15,182
Rainy River	25,483	16,214	9,269	26,531	17,323	9,208
Renfrew	78,245	36,834	41,411	89,635	47,229	42,406
Russell	18,994	3,998	14,996	20,892	5,426	15,466
Simcoe	127,016	60,334	66,682	141,271	71,992	69,279
Stormont	56,452	43,024	13,428	57,867	43,639	14,228
Sudbury	141,975	112,815	29,160	165,862	118,405	47,457
Thunder Bay	122,890	96,885	26,005	138,518	110,920	27,598
Timiskaming	50,264	30,136	20,128	50,971	33,211	17,760
Toronto[4]	...	...	...	...	...	...
Victoria	28,248	12,489	15,759	29,750	13,968	15,782
Waterloo	148,774	121,742	27,032	176,754	147,983	28,771
Wellington	75,691	48,729	26,962	84,702	55,097	29,605
Wentworth	316,238	305,775	10,463	358,837	324,341	34,496
York[5]	1,440,601	1,392,509	48,092	1,733,108	1,688,788	44,320

Table 2.16 (cont'd.)

Urban and Rural Distribution of Population, by County, Ontario, Census Years, 1956-1981

	1966			1971'		
	Total	Urban	Rural	Total	Urban	Rural
Ontario	6,960,870	5,593,440	1,367,430	7,703,105	6,301,055	1,402,050
Algoma	113,117	..	..	121,935	94,375	27,560
Brant	90,945	69,529	21,416	96,760	75,465	21,305
Bruce	43,085	15,836	27,249	47,385	18,365	29,020
Cochrane	97,334	67,252	30,082	95,880	66,395	29,485
Dufferin	17,108	6,942	10,166	21,200	10,770	10,430
Dundas	17,106	5,787	11,319	17,460	6,105	11,350
Durham	44,549	21,967	22,582	217,430	171,675	45,755
Elgin	61,912	30,062	31,850	66,610	33,120	33,490
Essex	280,862	..	..	306,395	245,600	60,800
Frontenac	97,138	71,540	25,598	101,690	74,565	27,125
Glengarry	18,181	2,864	15,317	18,480	3,240	15,240
Grenville	23,429	9,305	14,124	24,315	9,445	14,875
Grey	62,592	30,972	31,620	66,405	33,505	32,900
Haldimand	30,020	11,327	18,693	86,715	33,495	53,220
Haliburton	7,768	-	7,768	9,080	-	9,080
Halton	151,924	..	..	189,850	169,320	20,535
Hastings	94,127	63,903	30,224	99,395	67,680	31,710
Huron	54,446	22,366	32,080	52,950	20,495	32,455
Kenora	53,995	26,902	27,093	53,230	28,240	24,990
Kent	96,466	..	..	101,115	60,925	40,190
Lambton	108,236	75,116	33,120	114,315	80,050	34,265
Lanark	41,212	23,810	17,402	42,260	26,535	15,725
Leeds	49,129	25,505	23,624	50,095	27,345	22,745
Lennox - Addington	25,202	6,648	18,554	28,360	8,795	19,565
Manitoulin	10,544	1,441	9,103	10,930	1,565	9,365
Middlesex	249,403	209,291	40,112	282,015	241,235	40,780
Muskoka[1]	27,691	9,644	18,047	31,940	12,775	19,165
Niagara[2]	324,917	267,050	57,867	347,330	304,120	43,210
Nipissing	73,533	46,386	27,147	78,865	58,335	20,530
Norfolk	50,578	19,031	31,547			
Northumberland	45,074	20,291	24,783	59,225	29,495	29,735
Ontario						
Ottawa - Carleton[3]	413,692	..	..	471,930	435,020	36,910
Oxford	76,018	42,236	33,782	80,405	46,885	33,525
Parry Sound	28,335	8,120	20,215	30,245	9,250	20,995
Peel	172,321	149,534	22,787	259,875	234,815	25,060
Perth	60,424	35,837	24,587	62,975	37,580	25,400
Peterborough	81,959	61,886	20,073	92,415	65,470	26,945
Prescott	27,155	13,313	13,842	27,830	13,810	14,020
Prince Edward	21,307	6,314	14,993	20,640	4,875	15,765
Rainy River	25,816	16,913	8,903	25,750	17,065	8,685
Renfrew	89,453	54,754	34,699	90,875	56,360	34,515
Russell	14,878	..	..	16,290	6,440	9,850
Simcoe	149,132	91,077	58,055	175,965	106,010	69,955
Stormont	59,550	45,766	13,784	61,300	47,115	14,185
Sudbury	174,546	..	..	169,050	142,830	26,220
Thunder Bay	143,673	115,955	27,718	145,390	123,525	21,865
Timiskaming	47,154	30,369	16,785	46,440	32,365	14,080
Toronto[4]	1,881,691	..	..	2,089,730	2,087,015	2,710
Victoria	30,917	14,745	16,172	36,640	15,880	20,760
Waterloo	216,728	186,922	29,806	254,680	229,665	25,015
Wellington	94,177	66,072	28,105	108,720	76,960	31,765
Wentworth	383,175	..	..	401,240	365,250	35,990
York[5]	136,328	..	..	166,060	123,440	42,620

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1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former counties of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

Table 2.16 (cont'd.)

Urban and Rural Distribution of Population, by County, Ontario, Census Years 1956-1981

	1976			1981		
	Total[6]	Urban	Rural	Total	Urban	Rural
Ontario	8,264,465	6,708,520	1,555,945	8,625,107	7,047,032	1,578,075
Algoma	122,880	93,445	29,435	133,553	99,528	34,025
Brant	99,100	77,905	21,195	104,427	83,011	21,416
Bruce	57,475	22,755	34,720	60,020	25,462	34,558
Cochrane[7]	96,825	69,085	27,740	96,875	66,854	30,021
Dufferin	28,530	16,045	12,480	31,145	17,828	13,317
Dundas	18,510	6,535	11,975	18,946	6,950	11,996
Durham[7]	247,475	199,090	48,385	283,639	232,967	50,672
Elgin	69,090	35,210	33,880	69,707	37,683	32,024
Essex[7]	310,360	243,190	67,170	312,476	250,307	62,169
Frontenac	108,050	78,625	29,430	108,133	77,939	30,194
Glengarry	19,270	3,495	15,775	20,254	3,271	16,983
Grenville	26,025	9,385	16,635	27,176	8,785	18,391
Grey	72,175	35,890	36,290	73,824	36,998	36,826
Haldimand-Norfolk[7]	89,250	35,415	53,840	89,456	37,737	51,719
Haliburton	10,795	-	10,795	11,361	–	11,361
Halton[7]	228,495	205,070	23,430	253,883	232,240	21,643
Hamilton-Wentworth[7]	409,490	370,410	39,085	411,445	375,337	36,108
Hastings	105,835	70,090	35,745	106,883	69,186	37,697
Huron	56,005	21,390	34,615	56,127	20,108	36,019
Kenora	57,980	28,310	29,670	59,421	26,624	32,797
Kent[7]	106,130	66,090	40,035	107,022	69,011	38,011
Lambton	120,580	81,095	39,480	123,445	85,212	38,233
Lanark	44,200	25,860	18,340	45,676	25,000	20,676
Leeds	52,580	27,390	25,190	53,765	27,011	26,754
Lennox-Addington	32,635	11,055	21,580	33,040	10,913	22,127
Manitoulin	10,895	1,475	9,415	11,001	1,507	9,494
Middlesex	303,745	260,370	43,375	318,184	275,416	42,768
Muskoka[1]	36,690	14,645	22,045	38,370	16,312	22,058
Niagara[2]	365,440	319,885	45,555	368,288	322,378	45,910
Nipissing	81,740	60,675	21,065	80,268	59,745	20,523
Northumberland[7]	64,440	31,220	33,225	64,966	31,182	33,784
Ottawa-Carleton[3]	520,530	474,590	45,945	546,849	490,614	56,235
Oxford[7]	85,335	49,960	35,380	85,920	51,506	34,414
Parry Sound	32,655	8,900	23,755	33,528	9,560	23,968
Peel[7]	375,910	344,680	31,235	490,731	436,286	54,445
Perth	66,280	39,765	26,515	66,096	40,411	25,685
Peterborough[7]	99,930	67,125	32,810	102,452	68,310	34,142
Prescott	29,100	13,840	15,260	30,365	14,524	15,841
Prince Edward	22,560	4,650	17,910	22,336	5,443	16,893
Rainy River	24,770	16,090	8,685	22,798	14,306	8,492
Renfrew	89,095	53,785	35,310	87,484	50,214	37,270
Russell	19,735	7,120	12,615	22,412	7,519	14,893
Simcoe[7]	210,690	122,375	88,315	225,071	139,148	85,923
Stormont	61,170	46,120	15,050	61,927	47,371	14,556
Sudbury (R.M.)	167,705	144,425	23,280	27,068	10,132	16,936
Sudbury (T.D.)	27,290	10,255	17,030	159,779	143,761	16,018
Thunder Bay	150,645	126,740	23,910	153,997	127,779	26,218
Timiskaming[7]	43,760	29,710	14,050	41,288	27,540	13,748
Toronto[4,7]	2,124,295	2,112,040	12,255	2,137,395	2,137,395	–
Victoria[7]	43,545	16,260	27,285	47,854	16,922	30,932
Waterloo[7]	289,125	262,925	26,210	305,496	278,689	26,807
Wellington[7]	123,735	87,005	36,730	129,432	91,367	38,065
York[5]	203,915	149,085	54,835	252,053	205,733	46,320

[4] Metropolitan Municipality, comprising that part of the former York County previously known as "Toronto Metropolitan Corporation".

[5] Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

[6] Figures may not add due to rounding methodology. Please see definition.

[7] Underwent boundary changes, 1971 figure based on 1976 boundary definition.

Source: SC, *Population: Urban and Rural Distribution, Census of Canada.*

Table 2.17

Population Dependency Ratios and Median Age by Birthplace and Urban/Rural Residence, Ontario, Census Years, 1951–1971

Birthplace and Residence	Total Number	Dependency Ratios[1] Child	Dependency Ratios[1] Aged	Median Age	Total Number	Dependency Ratios[1] Child	Dependency Ratios[1] Aged	Median Age	Total Number	Dependency Ratios[1] Child	Dependency Ratios[1] Aged	Median Age
		1951				1961				1971		
	'000'				'000'				'000'			
Totals												
Total	4,598	0.419	0.135	30.30	6,236	0.540	0.137	28.25	7,703	0.455	0.133	27.28
Canadian Born	3,748	0.519	0.117	26.09	4,883	0.686	0.117	23.30	5,996	0.579	0.110	23.00
In Province	3,338	0.576	0.126	24.97	4,305	0.784	0.128	20.97	5,210	0.659	0.118	21.16
Not in Province	410	0.182	0.063	31.18	578	0.212	0.065	33.80	786	0.203	0.070	33.78
Foreign Born	850	0.075	0.197	47.50	1,353	0.144	0.187	41.10	1,707	0.115	0.196	40.09
Urban												
Total	3,251	0.376	0.130	31.13	4,824	0.511	0.133	28.95	6,349	0.436	0.130	27.58
Canadian Born	2,559	0.483	0.105	26.43	3,645	0.671	0.109	23.68	4,788	0.569	0.104	23.06
In Province	2,245	0.542	0.113	25.19	3,166	0.779	0.119	21.10	4,093	0.657	0.112	21.12
Not in Province	313	0.168	0.061	31.54	479	0.198	0.064	34.17	695	0.199	0.068	33.56
Foreign Born	692	0.063	0.203	48.16	1,179	0.142	0.188	41.01	1,562	0.118	0.192	39.59
Rural												
Total	1,346	0.534	0.151	27.87	1,413	0.645	0.150	25.29	1,354	0.550	0.149	25.53
Canadian Born	1,188	0.607	0.147	25.18	1,238	0.741	0.143	21.96	1,208	0.622	0.134	22.63
In Province	1,092	0.653	0.157	24.41	1,139	0.797	0.153	20.56	1,117	0.666	0.140	21.38
Not in Province	97	0.230	0.070	29.85	99	0.287	0.069	31.62	91	0.235	0.083	35.50
Foreign Born	158	0.128	0.171	44.89	175	0.160	0.184	41.76	146	0.092	0.241	44.94
Rural Farm												
Total	678	0.536	0.147	28.15	506	0.580	0.136	26.69	364	0.514	0.115	25.35
Canadian Born	602	0.601	0.147	25.60	444	0.669	0.137	23.13	325	0.592	0.111	21.68
In Province	574	0.623	0.151	25.12	427	0.696	0.141	22.19	313	0.613	0.113	20.90
Not in Province	27	0.255	0.090	31.61	17	0.190	0.075	37.64	12	0.193	0.069	40.22
Foreign Born	76	0.153	0.144	43.64	62	0.132	0.130	42.64	39	0.058	0.140	44.32
Rural Non-Farm												
Total	668	0.532	0.155	27.66	907	0.684	0.159	24.71	990	0.564	0.162	25.57
Canadian Born	587	0.612	0.147	24.84	794	0.784	0.147	21.47	884	0.624	0.143	22.91
In Province	518	0.668	0.164	23.73	712	0.864	0.161	19.82	804	0.637	0.151	21.53
Not in Province	69	0.221	0.062	29.33	82	0.309	0.066	30.78	79	0.242	0.085	34.75
Foreign Born	82	0.104	0.195	45.85	113	0.177	0.217	41.20	106	0.107	0.285	45.28

[1] Child dependency ratio = Population aged 0–14/Population aged 15–64. Aged dependency ratio = Population aged 65 + /Population aged 15–64. Total dependency ratio = Sum of above-mentioned ratios.

Source: BC, Census Field, *Analytical and Technical Memorandum* No. 9.

Table 2.18

Population by Birthplace, Ontario, Census Years, 1951-1971

	1951	1961	1971[1]
Total	4,597,542	6,236,092	7,703,105
Canada	3,747,577	4,882,935	5,995,710
Newfoundland	19,124	26,935	59,585
Prince Edward Island	7,138	13,487	19,730
Nova Scotia	43,730	78,114	115,710
New Brunswick	32,027	55,770	81,210
Québec	154,134	196,211	251,980
Ontario	3,337,593	4,305,288	5,209,870
Manitoba	61,004	78,719	90,680
Saskatchewan	56,420	69,333	81,315
Alberta	19,017	30,176	42,815
British Columbia	17,124	27,833	39,270
Yukon and Northwest Territories	266	1,069	3,535
United Kingdom	433,391	501,073	517,495
Other Commonwealth and British Dependencies	8,347	23,778	36,350[2]
Australia	974	2,567	5,720
British West Indies	1,870	6,520	44,610[3]
India and Pakistan	1,279	3,083	19,720
South Africa	694	1,752	15,605[3]
Other	3,530	9,856	10,910
West Indies	..	..	44,610
Africa	..	..	15,605
United States	72,303	81,463	101,440
European Countries	323,289	722,595	910,570
Austria	9,927	24,134	17,640
Belgium	7,138	12,658	11,375
Czechoslovakia	15,492	18,878	24,065
Denmark	3,743	10,049	9,240
Finland	15,366	20,974	17,135
France	2,374	6,357	9,425
Germany	14,820	91,822	102,845
Greece	5,731	20,291	45,435
Hungary	17,747	37,288	38,050
Iceland	167	129	325
Italy	34,809	161,730	254,150
Netherlands	24,178	79,388	78,905
Norway	2,248	2,736	2,440
Poland	70,588	79,706	78,375
Republic of Ireland	10,292	16,644	21,835
Romania	7,317	10,964	10,530
Sweden	3,917	4,179	3,640
Switzerland	1,734	3,783	4,840
U.S.S.R.	60,334	75,616	70,610
Yugoslavia	13,904	38,596	56,850
Other	1,463	11,673	53,655
Asian Countries	10,457	18,635	51,390
China	5,581	9,999	18,735
Japan	2,244	2,503	3,720
Other	2,632	6,133	28,935
Other Countries	2,178	5,613	29,940

[1] Figures may not add due to rounding methodology. Please see definitions.
[2] Total includes Australia, India and Pakistan and Other.
[3] 1971 Counts for British West Indies and South Africa are included in West Indies and Africa totals, respectively.

Source: SC, *Population, Birthplace*.

Table 2.19

Population by Ethnic Group, Ontario, Census Years, 1951-1971

	1951	1961	1971[1]
Total	4,597,542	6,236,092	7,703,105
British Isles	3,081,919	3,711,536	4,576,010
English	1,662,966	1,939,867	..
Irish	723,888	873,647	..
Scottish	658,594	835,590	..
Other	36,471	62,432	..
Other European	1,363,063	2,298,031	2,858,060
French	477,677	647,941	737,360
Austrian, n.o.s.[2]	8,126	34,488	15,765
Belgian	11,592	22,142	19,955
Czech and Slovak	29,025	33,332	40,770
Finnish	29,327	39,906	38,515
German	222,028	400,717	475,320
Greek	7,248	29,062	67,025
Hungarian	28,182	59,427	65,695
Italian	87,622	273,864	463,095
Jewish	74,920	65,280	135,195
Lithuanian	8,871	16,200	15,365
Netherlands	98,373	191,017	206,940
Polish	89,825	149,524	144,115
Romanian	8,008	15,787	9,255
Russian	16,885	28,327	12,580
Scandinavian	37,430	63,653	60,225
Danish	7,943	22,586	19,075
Icelandic	1,371	2,313	2,680
Norwegian	10,938	15,144	20,590
Swedish	17,178	23,610	17,880
Ukrainian	93,595	127,911	159,880
Yugoslav	13,753	43,564	70,060
Other	20,576	55,889	120,945
Asian	22,138	39,277	96,385
Chinese	6,997	15,155	39,325
Japanese	8,581	11,870	15,600
Other	6,560	12,252	41,460
Other	130,422	187,248	172,660
Indian and Eskimo	37,388	48,074	63,175
Negro	6,926	11,062	18,200
Other and Unknown	86,108	128,112	91,285

[1] Figures may not add due to rounding methodology. Please see definitions.

[2] n.o.s. = not otherwise specified.

Source: SC, *Population, Ethnic Groups*.

Table 2.20

Population by Religious Denomination, Ontario, Census Years, 1951–1971

	1951	1961	1971[6]
Total	4,597,542	6,236,092	7,703,105
Adventist	4,236	6,389	9,215
Anglican	..	1,117,862	1,220,535
Baptist	212,467	250,343	283,400
Buddhist	2,040	3,320	5,610
Christian & Missionary Alliance	2,000	5,472	6,625
Christian, Reformed	..	40,950	54,660
Churches of Christ, Disciples	7,503	8,957	7,060
Confucian	848	826	370
Doukhobor	61	109	175
Free Methodist	6,761	11,034	13,190
Greek Orthodox[1]	48,684	83,565	134,465
Hutterite[2]	..	..	260
Jehovah's Witnesses	11,485	23,921	67,710
Jewish	85,467	109 344	125,315
Lutheran	135,581	242,636	267,225
Mennonite[3]	25,796	30,948	40,115
Mormon	9,249	14,326	16,810
Pentecostal	31,415	48,168	76,630
Presbyterian	439,072	491,436	540,035
Roman Catholic	1,142,140	1,873,110	2,568,695
Salvation Army	23,904	31,892	43,840
Ukrainian Catholic[4]	39,600	46,804	56,730
Unitarian	1,188	7,318	9,220
United Church[5]	1,320,366	1,640,564	1,682,820
Other	1,033,736	146,798	128,710
No Religion	13,943	..	343,685

1) Includes those denominations which observe the Greek Orthodox rite, such as Russian Orthodox, Ukrainian Orthodox and Syrian Orthodox.

2) 1951 and 1961 data are included in "Mennonite".

3) 1951 and 1961 data include "Hutterite".

4) Includes "Other Greek Catholic".

5) 1951 and 1961 data include Congregationalist and Methodist.

6) Figures may not add due to rounding methodology. Please see definitions.

Source: SC, *Population, Religious Denominations*.

Table 2.21

Registered Indian Population by Age and Sex, Canada and Ontario, 1974-1980

		Total	0-4	5-14	15-24	25-44	45-64	65 +	Unstated
Canada									
1974	Total	276,436	36,906	82,414	58,016	59,374	27,439	11,739	548
	Male	140,860	18,825	41,668	28,939	30,759	14,402	6,151	116
	Female	135,576	18,081	40,746	29,077	28,615	13,037	5,588	432
1975	Total	282,762	35,944	83,506	61,040	61,572	28,108	12,402	190
	Male	143,822	18,218	42,287	30,333	31,792	14,722	6,448	22
	Female	138,940	17,726	41,219	30,707	29,780	13,386	5,954	168
1976	Total	288,938	35,110	84,092	64,278	63,796	28,861	12,608	193
	Male	146,662	17,771	42,602	31,888	32,800	15,077	6,502	22
	Female	142,276	17,339	41,490	32,390	30,996	13,784	6,106	171
1977	Total	295,898	35,203	84,615	67,239	66,167	29,542	12,939	193
	Male	149,863	17,812	42,860	33,264	33,843	15,401	6,661	22
	Female	146,035	17,391	41,755	33,975	32,324	14,141	6,278	171
1978	Total	302,749	35,264	84,607	70,148	69,004	30,299	13,241	186
	Male	153,039	17,801	42,966	34,630	35,151	15,703	6,766	22
	Female	149,710	17,463	41,641	35,518	33,853	14,596	6,475	164
1979	Total	309,590	35,387	84,428	72,978	71,799	31,099	13,712	187
	Male	156,336	17,959	42,811	36,107	36,343	16,143	6,950	23
	Female	153,254	17,428	41,617	36,871	35,456	14,956	6,762	164
1980	Total	316,737	35,570	84,083	76,016	74,861	32,021	14,001	185
	Male	159,740	18,105	42,678	37,582	37,663	16,640	7,050	22
	Female	156,997	17,465	41,405	38,434	37,198	15,381	6,951	163
Ontario									
1974	Total	60,576	6,608	16,137	12,907	14,192	7,217	3,183	332
	Male	30,711	3,369	8,147	6,421	7,379	3,691	1,616	88
	Female	29,865	3,239	7,990	6,486	6,813	3,526	1,567	244
1975	Total	61,621	6,358	16,200	13,474	14,714	7,316	3,484	75
	Male	31,160	3,244	8,167	6,696	7,595	3,733	1,711	14
	Female	30,461	3,114	8,033	6,778	7,119	3,583	1,773	61
1976	Total	63,191	6,394	16,283	14,071	15,313	7,471	3,582	77
	Male	31,890	3,262	8,194	7,024	7,828	3,816	1,752	14
	Female	31,301	3,132	8,089	7,047	7,485	3,655	1,830	63
1977	Total	64,576	6,352	16,241	14,675	15,940	7,623	3,666	79
	Male	32,507	3,255	8,166	7,289	8,113	3,873	1,797	14
	Female	32,069	3,097	8,075	7,386	7,827	3,750	1,869	65
1978	Total	65,966	6,392	16,176	15,204	16,556	7,812	3,747	79
	Male	33,079	3,240	8,169	7,507	8,397	3,927	1,825	14
	Female	32,887	3,152	8,007	7,697	8,159	3,885	1,922	65
1979	Total	67,164	6,322	15,966	15,716	17,226	7,940	3,915	79
	Male	33,609	3,223	8,041	7,771	8,679	3,986	1,895	14
	Female	33,555	3,099	7,925	7,945	8,547	3,954	2,020	65
1980	Total	68,726	6,406	15,875	16,201	17,977	8,195	3,994	78
	Male	34,304	3,235	8,015	9,023	8,959	4,154	1,905	13
	Female	34,422	3,171	7,860	8,178	9,018	4,041	2,089	65

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts.

Table 2.22

Registered Indians by Location of Residence, Canada and Ontario, 1968-1980

	Canada					Ontario				
	On Reserve[1]	Off Reserve	Crown Land[2]	Un-stated	Total	On Reserve[1]	Off Reserve	Crown Land[2]	Un-Stated	Total
1968	161,695	54,220	21,562	13	237,490	32,039	16,762	4,178	2	52,981
1969	162,108	59,345	22,563	8	244,024	31,479	18,135	4,457	1	54,072
1970	163,396	64,004	23,375	6	250,781	31,369	19,148	4,824	1	55,342
1971	166,006	69,100	22,507	6	257,619	32,154	19,774	4,624	1	56,553
1972	168,527	73,309	22,844	-	264,680	33,665	19,616	4,487	-	57,768
1973	170,445	76,943	23,106	-	270,494	34,172	20,666	4,567	-	59,405
1974[3]	176,457	74,537	25,442	-	276,436	35,820	19,979	4,777	-	60,576
1975	178,835	77,226	26,701	-	282,762	36,317	20,226	5,078	-	61,621
1976	181,869	79,301	27,768	-	288,938	37,648	20,399	5,144	-	63,191
1977	188,311	81,682	25,905	–	295,896	40,477	20,778	3,321	–	64,576
1978	191,837	87,976	22,936	–	302,749	42,456	21,618	1,892	–	65,966
1979[4]	195,363	91,318	22,909	–	309,590	42,992	22,313	1,859	–	67,164
1980	200,175	93,079	23,483	–	316,737	44,374	22,410	1,942	–	68,726

1) On Reserve in this table refers to Registered Indian band members living on reserves administered by their own band and on reserves administered by other bands.

2) On Crown Land includes Registered Indian band members living on Crown Land settlements administered by their own band, some other bands and on Crown Land not administered by any band.

3) Due to a new band funding programme in 1974, four additional types of residence were created and some historical comparability with previous years was lost.

4) For 1979 only, registered Indian Band members living on reserves of other bands and registered Indian band members living on Crown land in a community administered by other bands have been included with those registered Indian band members living Off Reserve.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts Branch.

Table 2.23

Enfranchisements[1] of Registered Indians, Canada and Ontario, 1964-65 to 1981-82

	Number Enfranchised Upon Application[2]				Number Enfranchised following Marriage[3]				Total Enfranchised	
	Canada		Ontario		Canada		Ontario			
	Adults	Children	Adults	Children	Women	Children	Women	Children	Canada	Ontario
1964-65	46	34	23	17	480	176	133	52	736	225
1965-66	38	18	17	8	435	147	141	37	638	203
1966-67	31	22	18	10	457	148	121	29	658	178
1967-68	62	28	28	6	470	56	143	13	616	190
1968-69	37	20	18	10	531	197	141	25	785	194
1969-70	41	19	20	13	547	107	164	24	714	221
1970-71	25	12	17	12	517	98	139	23	652	191
1971-72	14	4	6	3	267	19	65	4	304	78
1972-73	7	-	4	-	-	-	-	-	7	4
1973-74	7	4	4	4	449	-	129	-	460	137
1974-75	1	-	-	-	590	-	170	-	591	170
1975-76	3	3	1	1	296	-[4]	66	-	302	68
1976-77	2	2	1	-	13	-	4	-	17	5
1977-78	10	5	2	2	–	–	–	–	15	4
1978-79	3	–	1	–	–	–	–	–	3	1
1979-80	6	3	3	2	–	–	–	–	9	5
1980-81	2	–	–	–	–	–	–	–	2	–
1981-82	4	7	2	–	–	–	–	–	11	2

1) On enfranchisement an Indian gives up his rights under the Indian Act.

2) Adult Indians enfranchised upon application together with their minor, unmarried children.

3) Indian women enfranchised following marriage to non-Indians together with their minor, unmarried children.

4) Minor unmarried children not enfranchised unless mother insists.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Reserves and Trusts Branch.

Section
3

Births, Deaths and Immigration

Highlights

- **Births and Deaths** – The total fertility rate in Ontario dropped from 3,222 in 1951 to 1,662 in 1980. The highest 1980 birth rate in Ontario occurred in the Kenora county where there were 21.2 births per 1,000 population. The highest death rate per 1,000 population in Ontario for the same year occurred in Glengarry county with a rate of 10.8. The natural increase rate per 1,000 population for Ontario in 1980 was 7.1.

  Live births in Ontario decreased 12.9 per cent from 141,610 in 1965 to 123,316 in 1980. 37.3 per cent of live births in 1980 occurred in the 25-29 age group of mothers. Infant mortality in Ontario has been generally decreasing in all categories (neonatal, post-neonatal, perinatal) from 1953 to 1980. For instance, the neonatal mortality rate per 1,000 live births has descended from 22.6 in 1950 to 15.7 in 1964 to 6.4 in 1980.

  In 1980, of the total deaths in Ontario, 55.0 per cent were male and 45.0 per cent were female; of the number of single people who died, 60.2 per cent were male and 39.8 per cent were female; and of the number of married people who died 71.2 per cent were male and 28.8 per cent female. Of widowed and divorced persons who died in 1980, 30.9 per cent were male and 69.1 per cent were female.

  In 1980, the major causes of death in Ontario were diseases of the circulatory system which accounted for 49.1 per cent of all deaths followed by neoplasms accounting for 23.0 per cent; accidents, poisoning and violence for 7.8 per cent, and diseases of the respiratory system for 6.4 per cent.

- **Immigration** – Of the 143,117 immigrants who came to Canada in 1980, 62,257 or 43.5 per cent selected Ontario as their intended destination. The largest group of those immigrants (21.0 per cent or 13,104) came from the other countries. Of the immigrants to Ontario in 1981, 38.7 per cent intended to make Metro Toronto their final destination.

  In 1980, of those workers who wished to settle in Ontario, 3,586 or 13.0 per cent listed their intended occupation to be in the clerical and related field; 4,178 or 15.1 per cent in the Product Fabricating, Assembling and Repairing field; 2,055 or 7.4 per cent in the Services field and 2,192 or 7.9 per cent in the Professional and Technical fields.

Definitions

Births – Infants born alive, i.e., excluding stillbirths.

Stillbirths – **Fetal deaths of 20 or more weeks gestation, or have obtained a weight of 500 grams.**

Deaths – Excludes stillbirths.

Infant: deaths under 1 year of age.

Neonatal: deaths under 28 days of age.

Post-neonatal: deaths between 4 weeks and one year of age.

Perinatal: fetal deaths of 28 or more weeks gestation plus infant deaths under 7 days of age.

Natural Increase – Excess of births over deaths.

Rates – Age-specific fertility: birth rate per 1,000 women in the respective age group.

Total fertility rate: sum of age-specific fertility rates multiplied by 5.

General fertility: birth rate per 1,000 women 15-49 years.

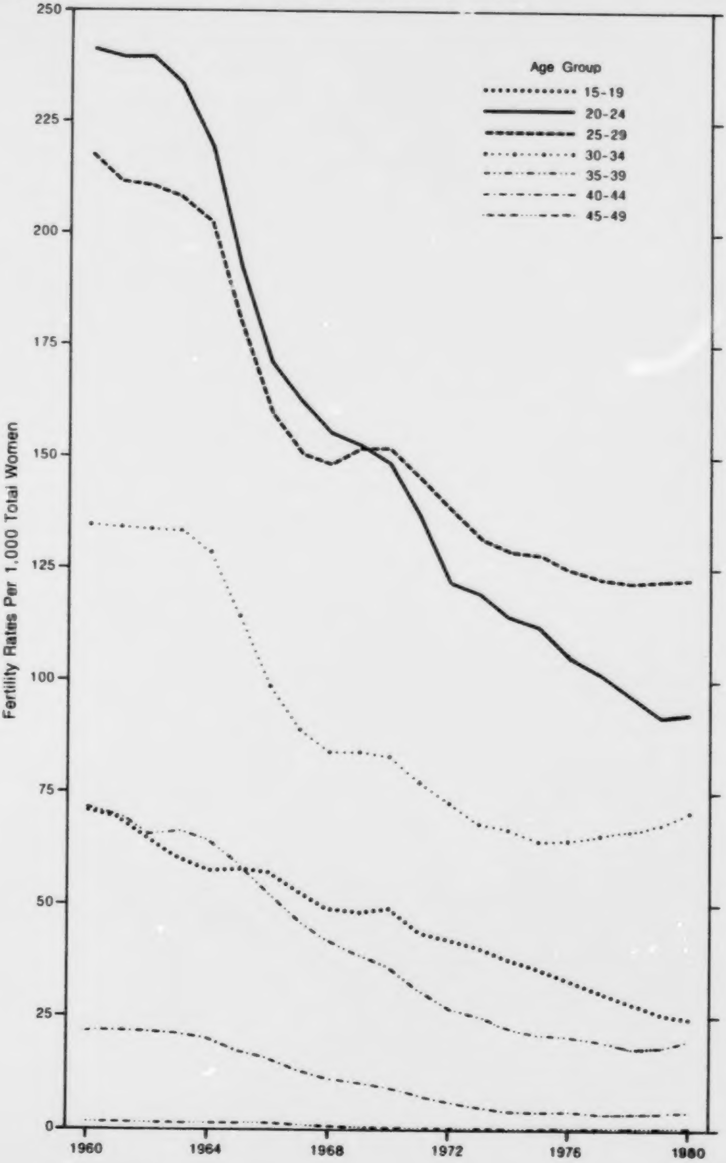
Gross reproduction: average number of live daughters that would be born to a hypothetical female birth cohort if subjected to current age-specific fertility rates and assuming that mortality before age 50 is zero.

Total Births – Live births and stillbirths.

Age-Specific Death Rates – Number of deaths per 1,000 population in the respective age group.

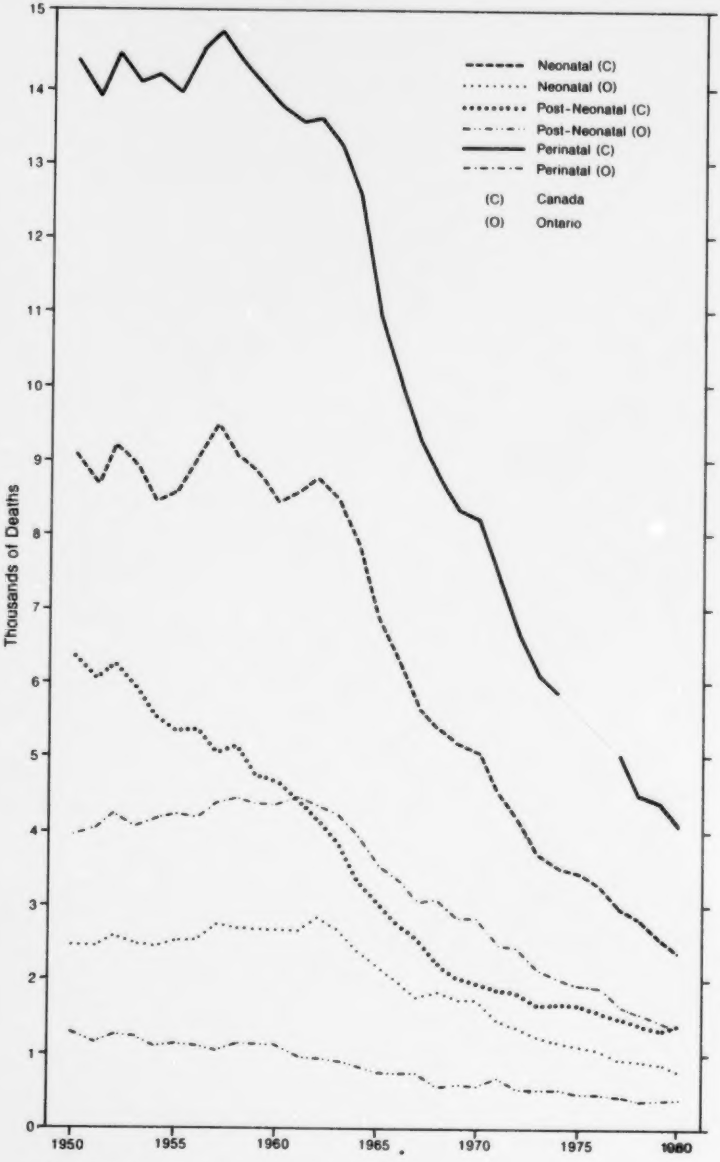
Standardized (Age-Adjusted) Death Rates – Death rates adjusted for changes in the age composition of the population.

Graph 3.A
Age-Specific Fertility Rates, Ontario, Selected Years, 1960-1980



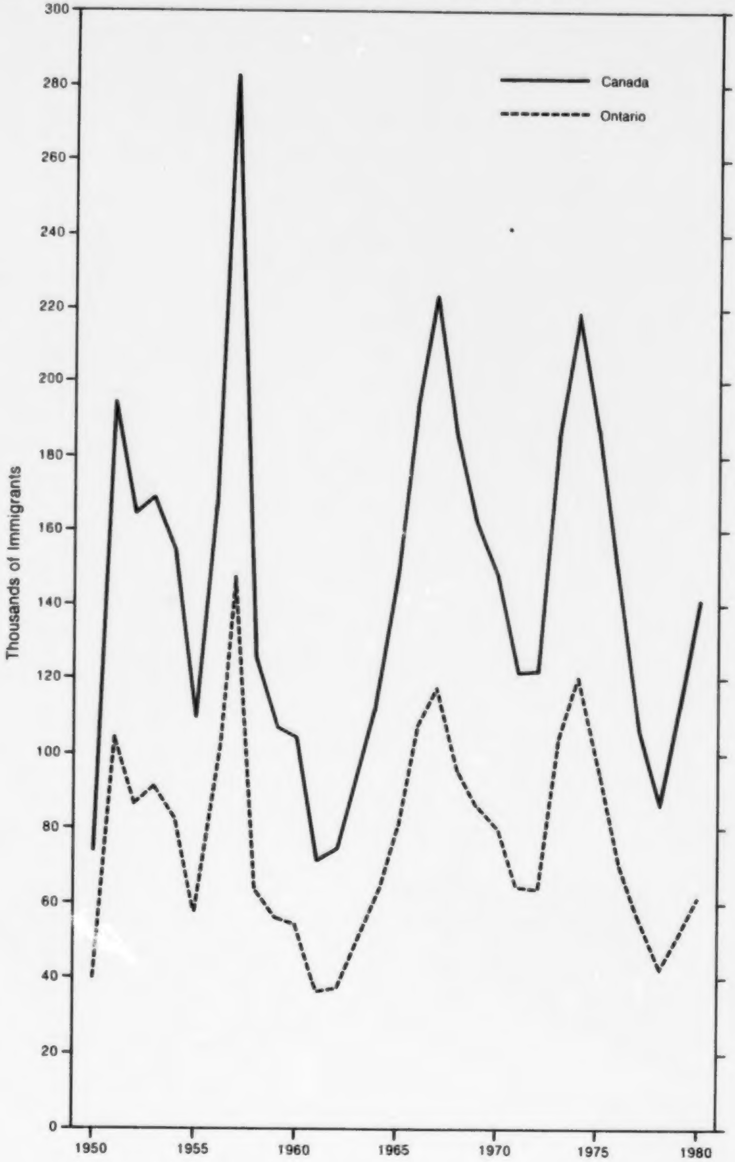
Refer to Table 3.1.

Graph 3.B
Infant Mortality, Canada and Ontario, 1950-1980



Refer to Table 3.8.

Graph 3.C
Immigration by Intended Destination, Canada and Ontario, 1950-1980



Refer to Table 3.14.

Table 3.1
Age-specific Fertility Rates, Ontario, Selected Years, 1951-1980

	Fertility rates per 1,000 total women by age groups							Total fertility rate	Gross reproduction rate	General fertility rate
	15-19	20-24	25-29	30-34	35-39	40-44	45-49			
1951	60.1	186.4	181.8	125.2	68.1	21.0	1.9	3,222	1.560	99.8
1956	66.9	225.8	205.7	135.6	73.2	22.6	1.6	3,657	1.780	110.1
1957	73.0	228.7	209.0	133.3	74.2	22.6	1.9	3,714	1.806	111.5
1958	70.6	228.8	208.3	133.0	72.8	20.9	1.7	3,680	1.785	109.8
1959	71.7	239.5	214.7	133.3	73.0	20.8	1.7	3,773	1.834	111.2
1960	70.9	241.2	217.1	134.7	71.7	21.6	1.5	3,793	1.841	110.8
1961	69.5	239.8	211.6	134.2	69.8	21.9	1.6	3,742	1.824	108.3
1962	64.5	239.9	210.5	133.9	65.6	21.9	1.4	3,689	1.796	105.6
1963	60.3	233.7	208.1	133.1	66.2	21.1	1.2	3,618	1.759	102.9
1964	57.8	219.7	202.4	128.6	64.6	20.4	1.6	3,475	1.686	98.6
1965	58.3	192.9	180.6	114.5	59.3	17.8	1.5	3,125	1.521	89.0
1966	57.4	171.3	160.2	98.8	52.8	16.2	1.3	2,790	1.361	80.3
1967	53.0	162.7	151.2	89.4	46.4	13.4	1.0	2,586	1.257	75.2
1968	49.2	155.2	148.8	84.4	41.9	11.7	1.0	2,461	1.198	72.4
1969	48.5	152.9	152.5	84.5	39.2	10.9	0.8	2,447	1.191	72.8
1970	49.4	148.5	152.2	83.3	36.4	9.8	0.6	2,401	1.168	72.8
1971	44.2	137.2	145.9	77.4	31.2	7.8	0.4	2,221	1.078	68.4
1972	42.7	122.2	138.6	72.8	27.2	6.4	0.3	2,051	0.993	64.1
1973	40.9	119.8	132.2	68.0	25.1	5.6	0.3	1,960	0.952	62.1
1974	38.3	114.6	129.4	66.9	22.5	4.8	0.3	1,884	0.915	60.6
1975	36.2	112.3	128.3	64.5	21.2	4.4	0.3	1,836	0.896	59.8
1976	33.4	105.6	124.6	64.6	20.6	4.3	0.3	1,767	0.865	57.3
1977	30.7	102.2	123.5	66.0	19.8	3.3	0.2	1,729	0.840	56.4
1978	28.1	96.4	122.4	66.4	18.9	3.3	0.2	1,679	0.819	54.7
1979	25.5	92.7	123.2	68.6	19.5	3.5	0.2	1,666	0.811	54.1
1980	24.7	91.4	123.2	70.0	19.8	3.1	0.2	1,662	0.811	54.1

Source SC *Vital Statistics*, (84-204)

Table 3.2

Live Births by Age Groups of Mothers, Ontario, 1964-1980

		Age Groups of Mothers								
	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50 and over[1]
					Numbers of Births[2]					
1964	152,729	86	15,283	47,438	41,909	28,093	15,116	4,513	291	-
1965	141,610	72	16,320	43,953	38,057	25,030	13,796	4,105	274	3
1966	131,942	77	16,837	41,872	34,994	21,794	12,294	3,827	246	1
1967	127,509	79	16,324	42,680	34,418	19,873	10,717	3,223	194	1
1968	126,257	99	15,859	43,504	35,327	18,871	9,598	2,795	203	1
1969	130,398	96	16,079	45,517	37,972	19,043	8,926	2,583	181	1
1970	134,724	86	16,915	47,513	40,263	19,189	8,308	2,301	149	-
1971	130,395	88	15,455	46,558	40,948	18,273	7,161	1,814	98	-
1972	125,060	97	15,303	42,858	41,245	17,735	6,259	1,482	80	1
1973	123,776	108	15,156	41,044	42,854	17,481	5,759	1,306	68	-
1974	124,229	109	14,531	40,623	44,373	18,126	5,274	1,124	69	-
1975	125,775	111	14,039	41,195	45,836	18,432	5,068	1,029	64	1
1976	122,700	107	13,217	39,721	44,809	18,784	5,004	995	61	2
1977^r	122,757	81	12,342	39,515	44,343	20,703	4,957	771	45	–
1978	120,964	93	11,445	37,909	44,045	21,733	4,909	780	49	1
1979	121,655	98	10,441	36,925	44,925	23,132	5,270	823	41	–
1980	123,316	73	10,077	36,669	45,975	24,246	5,508	732	36	
					Percentage					
1964	100.0	0.05	10.0	31.1	27.4	18.4	9.9	3.0	0.2	-
1965	100.0	0.05	11.5	31.0	26.9	17.7	9.8	2.9	0.2	...
1966	100.0	0.05	12.8	31.8	26.5	16.5	9.3	2.9	0.2	...
1967	100.0	0.06	12.8	33.5	27.0	15.6	8.4	2.5	0.2	...
1968	100.0	0.08	12.6	34.5	28.0	14.9	7.6	2.2	0.2	...
1969	100.0	0.07	12.3	35.0	29.1	14.6	6.9	2.0	0.1	...
1970	100.0	0.06	12.6	35.3	29.9	14.2	6.2	1.7	0.1	-
1971	100.0	0.07	11.9	35.7	31.4	14.0	5.5	1.4	0.1	-
1972	100.0	0.07	12.2	34.3	33.0	14.2	5.0	1.2	0.1	...
1973	100.0	0.09	12.2	33.2	34.6	14.1	4.7	1.1	0.1	-
1974	100.0	0.08	11.7	32.7	35.7	14.6	4.3	0.9	0.1	-
1975	100.0	0.08	11.2	32.8	36.4	14.7	4.0	0.8	0.1	...
1976	100.0	0.08	10.8	32.4	36.5	15.3	4.1	0.8	0.04	...
1977	100.0	0.06	10.1	32.2	36.1	16.9	4.0	0.6	0.03	-
1978	100.0	0.07	9.5	31.3	36.4	18.0	4.1	0.6	0.03	...
1979	100.0	0.08	8.6	30.4	36.9	19.0	4.4	0.7	0.03	–
1980	100.0	0.06	8.2	29.7	37.3	19.7	4.5	0.6	0.03	..

1) Percentage rates not computed for less than 10 live births.

2) Births to mothers of "not stated" ages have been distributed on the basis of specified ages.

Source: Office of the Registrar General.

Table 3.3

Births, Deaths and Natural Increase, by County, Ontario, 1980

	Births		Deaths		Natural Increase	
	Total	Rate per 1,000 Population	Total	Rate per 1,000 Population	Excess of Births Over Deaths	Natural Increase Rate per 1,000 Population
Ontario	123,316	14.4	62,746	7.3	60,570	7.1
Algoma	2,210	17.0	892	6.9	1,318	10.1
Brant	1,516	14.8	846	8.3	670	6.5
Bruce	1,031	17.5	506	8.6	525	8.9
Cochrane	1,629	17.2	694	7.3	935	9.9
Dufferin	478	15.7	222	7.3	256	8.4
Dundas (R.M.)	247	13.0	153	8.1	94	4.9
Durham	4,549	16.4	1,659	6.0	2,890	10.4
Elgin	1,016	14.6	640	9.2	376	5.4
Essex	4,432	14.0	2,616	8.3	1,816	5.7
Frontenac	1,406	12.2	848	7.3	558	4.8
Glengarry	288	14.1	220	10.8	68	3.3
Grenville	345	12.6	247	9.0	98	3.6
Grey	1,122	15.4	692	9.5	430	5.9
Haldimand-Norfolk (R.M.)	1,322	14.5	766	8.4	556	6.1
Haliburton	122	10.9	108	9.7	14	1.2
Halton (R.M.)	3,377	13.6	1,227	4.9	2,150	8.7
Hamilton-Wentworth (R.M.)	5,569	13.5	3,403	8.3	2,166	5.2
Hastings	1,465	13.8	953	9.0	512	4.8
Huron	854	15.2	525	9.4	329	5.9
Kenora	1,230	21.2	454	7.8	776	13.4
Kent	1,749	16.4	941	8.8	808	7.6
Lambton	1,894	15.2	905	7.3	989	7.9
Lanark	613	13.5	483	10.7	130	2.9
Leeds	643	12.0	503	9.4	140	2.6
Lennox-Addington	457	14.0	284	8.7	173	5.3
Manitoulin	215	19.4	117	10.5	98	8.8
Middlesex	4,499	13.8	2,313	7.1	2,186	6.7
Muskoka (D.M.)	491	12.9	381	10.0	110	2.9
Niagara (R.M.)	4,672	12.7	3,025	8.2	1,647	4.5
Nippising	1,093	13.6	609	7.6	484	6.0
Northumberland	857	13.2	617	9.5	240	3.7
Ottawa-Carleton (R.M.)	7,128	13.0	3,447	6.3	3,681	6.7
Oxford	1,323	15.6	708	8.4	615	7.3
Parry Sound	433	12.9	365	10.1	68	2.0
Peel (R.M.)	8,087	17.4	1,822	3.9	6,265	13.5
Perth	1,031	15.6	613	9.3	418	6.3
Peterborough	1,327	13.0	905	8.8	422	4.1
Prescott	416	13.8	262	8.7	154	5.1
Prince Edward	296	13.4	219	9.9	77	3.5
Rainy River	361	15.6	207	8.9	154	6.6
Renfrew	1,254	14.5	713	8.2	541	6.3
Russell	388	17.4	173	7.8	215	9.6
Simcoe	3,192	14.4	1,706	7.7	1,486	6.7
Stormont	896	14.4	588	9.4	308	4.9
Sudbury District	421	16.2	163	6.3	258	9.9
Sudbury (R.M.)	2,462	15.5	1,024	6.4	1,438	9.0
Thunder Bay	2,370	15.6	13,11	8.6	1,059	7.0
Timiskaming	624	15.2	383	9.3	241	5.9
Toronto (Metro)	28,830	13.5	15,459	7.2	13,371	6.3
Victoria	650	13.7	423	8.9	227	4.8
Waterloo (R.M.)	4,846	15.8	1,909	6.2	2,937	9.6
Wellington	2,017	15.4	972	7.4	1,045	8.0
York (R.M.)	3,570	14.9	1,521	6.4	2,049	8.6
Unknown	3	. . .	4	. . .	. . .	. . .

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1) Rate figures are based on population estimates from Social and Economic Data of Statistical Services Branch, Office of Economic Policy

Source: Officer of the Registrar General
Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch

Table 3.4

Births and Deaths, by Selected Municipality, Ontario, 1979 and 1980

	Live Births[1]			Deaths[2]			Infant Deaths Total[2]
1979	Male	Female	Total	Male	Female	Total	
Toronto	4,142	3,752	7,894	2,941	2,438	5,379	87
North York City	3,747	3,509	7,256	1,628	1,468	3,096	67
Scarborough (Borough)	2,965	2,842	5,807	1,238	1,258	2,496	49
Hamilton	2,192	1,999	4,191	1,474	1,169	2,643	47
Ottawa	1,669	1,537	3,206	1,216	1,188	2,404	28
Etobicoke (Borough)	1,724	1,588	3,312	1,060	902	1,962	28
London	1,857	1,736	3,593	981	804	1,785	47
Windsor	1,441	1,314	2,755	987	759	1,746	37
Mississauga	2,428	2,407	4,835	625	510	1,135	45
York (Borough)	1,064	979	2,043	553	413	966	19
Kitchener	1,213	1,061	2,274	450	390	840	26
St. Catharines	837	802	1,639	532	461	993	14
Thunder Bay	832	840	1,672	658	392	1,050	18
East York (Borough)	768	758	1,526	518	476	994	8
Oshawa	994	984	1,978	366	309	675	19
Sudbury	647	661	1,308	419	251	670	11
Burlington	714	717	1,431	275	246	521	13
Sault Ste. Marie	597	563	1,160	311	252	563	10
Niagara Falls	483	458	941	307	269	576	4
Cambridge	591	586	1,177	319	256	575	8
Brantford	563	564	1,127	319	286	605	11
Oakville	422	390	812	163	141	304	9
Guelph	538	470	1,008	241	219	460	9
Kingston	366	341	707	264	280	544	11
Peterborough	417	392	809	299	263	562	13
Sarnia	343	325	668	230	157	387	9
North Bay	382	334	716	212	134	346	5
Cornwall	325	313	638	235	174	409	13
Welland	334	330	664	216	159	375	4
Brampton	1,316	1,175	2,491	259	200	459	16

Table 3.4 (cont'd)

Births and Deaths, by Selected Municipality, Ontario, 1979 and 1980

	Live Births[1]			Deaths[2]			Infant Deaths[2]
1980	Male	Female	Total	Male	Female	Total	Total
Toronto	4,121	3,918	8,039	2,966	2,507	5,473	88
North York	3,845	3,619	7,464	1,755	1,590	3,345	55
Scarborough (Borough)	3,218	3,022	6,240	1,334	1,290	2,624	61
Hamilton	2,172	2,027	4,199	1,482	1,255	2,737	39
Ottawa	1,689	1,625	3,314	1,294	1,221	2,515	43
Etobicoke (Borough)	1,794	1,721	3,515	1,130	953	2,083	29
London	1,909	1,721	3,630	947	861	1,808	37
Windsor	1,348	1,313	2,661	964	796	1,760	33
Mississauga	2,563	2,467	5,030	609	573	1,182	50
York (Borough)	1,025	994	2,019	502	481	983	21
Kitchener	1,121	1,065	2,186	470	385	855	17
St. Catharines	788	783	1,571	522	467	989	13
Thunder Bay	844	733	1,577	657	403	1,060	15
East York (Borough)	795	758	1,553	490	461	951	19
Oshawa	966	930	1,896	404	281	685	19
Sudbury	713	632	1,345	433	280	713	11
Burlington	760	738	1,498	284	287	571	15
Sault Ste. Marie	675	589	1,264	338	248	586	7
Niagara Falls	449	422	871	306	260	566	6
Cambridge	663	604	1,267	303	263	566	15
Brantford	554	520	1,074	297	292	589	8
Oakville	460	420	880	164	159	323	4
Guelph	548	558	1,106	265	263	528	12
Kingston	342	304	646	309	292	601	5
Peterborough	412	400	812	319	278	597	9
Sarnia	374	333	707	214	166	380	7
North Bay	365	324	689	203	168	371	8
Cornwall	363	317	680	272	188	460	3
Welland	318	305	623	237	178	415	4
Brampton	1,388	1,280	2,668	278	236	514	23

1) By place of residence
2) By place of residence

Source: Office of the Registrar General

Table 3.5

Standardized (Age-adjusted) Death Rates[1] by Sex, Canada and Ontario, 1950-1980

	Canada			Ontario		
	Total	Male	Female	Total	Male	Female
1950	9.1	10.1	8.1	9.0	10.2	7.8
1951	9.0	10.0	8.0	8.7	9.9	7.6
1952	8.8	9.9	7.6	8.6	9.9	7.3
1953	8.6	9.8	7.5	8.5	9.8	7.3
1954	8.2	9.3	7.0	8.1	9.3	6.9
1955	8.2	9.4	6.9	8.0	9.4	6.7
1956	8.2	9.4	7.0	8.1	9.6	6.8
1957	8.3	9.6	6.9	8.2	9.7	6.8
1958	8.0	9.3	6.6	7.9	9.4	6.5
1959	8.0	9.3	6.7	8.0	9.5	6.6
1960	7.8	9.1	6.4	7.9	9.5	6.5
1961	7.6	9.0	6.3	7.6	9.2	6.2
1962	7.6	8.9	6.2	7.6	9.2	6.2
1963	7.6	9.0	6.2	7.6	9.4	6.1
1964	7.3	8.8	5.9	7.3	8.9	5.8
1965	7.3	8.8	5.9	7.4	9.1	5.8
1966	7.2	8.8	5.7	7.2	9.0	5.6
1967	7.1	8.7	5.6	7.1	9.0	5.5
1968	7.1	8.7	5.6	7.0	8.8	5.5
1969	7.0	8.6	5.5	6.9	8.7	5.4
1970	6.9	8.5	5.4	6.8	8.7	5.3
1971	6.7	8.4	5.2	6.6	8.4	5.0
1972	6.8	8.6	5.2	6.7	8.7	5.1
1973	6.8	8.5	5.1	6.8	8.6	5.1
1974	6.8	8.4	5.0	6.7	8.4	5.0
1975	6.5	8.3	4.9	6.4	8.3	4.8
1976	6.4	8.1	4.8	6.4	8.0	4.7
1977	6.3	7.9	4.7	6.3	7.9	4.7
1978	6.2	7.8	4.5	6.1	7.7	4.5
1979	5.9	7.6	4.4	5.8	7.5	4.4
1980	5.8	7.5	4.4	5.7	7.4	4.4

1) Standardized to Canada 1956 Census Population Rates per 1,000 population

Source SC *Vital Statistics*, (84-204)

Table 3.6

Death Rates (Per 1,000 Population) by Sex and Age, Ontario, 1976-1980

	1976		1977		1978		1979		1980	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	8.4	6.3	8.3	6.4	8.2	6.3	8.1	6.4	8.2	6.5
Under 1 year[1]	13.7	10.9	11.9	10.6	12.9	9.7	11.6	8.9	10.7	8.3
1- 4 years	0.7	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.6	0.5
5- 9 years	0.3	0.3	0.4	0.2	0.3	0.3	0.3	0.2	0.3	0.2
10-14 years	0.3	0.2	0.4	0.3	0.4	0.2	0.3	0.2	0.3	0.2
15-19 years	1.2	0.4	1.2	0.4	1.2	0.4	1.2	0.5	1.2	0.4
20-24 years	1.5	0.4	1.6	0.4	1.5	0.5	1.5	0.4	1.3	0.5
25-29 years	1.2	0.5	1.2	0.5	1.2	0.5	1.1	0.5	1.2	0.4
30-34 years	1.3	0.6	1.2	0.6	1.3	0.6	1.2	0.6	1.2	0.6
35-39 years	1.9	1.1	1.9	1.1	1.7	0.9	1.7	1.0	1.6	1.0
40-44 years	3.1	1.6	2.9	1.9	2.9	1.6	2.8	1.6	2.6	1.6
45-49 years	5.3	2.9	5.5	3.0	5.1	2.6	4.9	2.7	4.7	2.5
50-54 years	9.0	4.4	8.6	4.5	8.7	4.4	8.2	4.3	7.8	4.2
55-59 years	14.0	6.8	14.1	7.1	13.5	6.5	12.8	6.7	12.6	6.3
60-64 years	21.9	10.5	22.3	10.5	21.3	10.6	21.1	10.7	20.1	10.2
65-69 years	34.6	16.0	34.0	16.7	34.0	16.1	32.3	15.9	30.8	15.3
70-74 years	53.6	26.4	52.5	26.4	50.6	25.8	49.1	24.6	50.1	25.5
75-79 years	79.5	44.3	77.9	42.5	75.2	41.5	74.5	41.5	76.2	42.1
80-84 years	123.3	77.5	117.8	76.3	114.1	72.2	113.8	70.9	113.6	70.2
85 + years	199.0	154.4	191.6	152.8	191.7	144.9	189.7	145.5	193.7	148.4

[1] Per 1,000 live births.

Source SC *Vital Statistics*, (84-204)

Table 3.7

Deaths by Marital Status and Sex, Canada and Ontario, 1977-1980

	1977		1978		1979		1980	
Marital Status	Canada[1]	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Total	167,498	61,425	168,179	61,116	168,183	61,468	171,473	62,746
Male	96,872	34,283	97,115	34,291	96,532	34,097	97,575	34,519
Female	70,626	27,142	71,064	26,825	71,651	27,371	73,898	28,227
Single	30,314	9,460	29,941	9,333	29,614	9,205	29,521	9,297
Male	19,379	5,753	19,274	5,757	18,959	5,678	18,639	5,598
Female	10,935	3,707	10,667	3,576	10,655	3,527	10,882	3,699
Married	81,959	30,545	82,499	30,393	82,509	30,366	83,414	30,575
Male	58,349	21,691	58,641	21,607	58,413	21,460	59,181	21,755
Female	23,610	8,854	23,858	8,786	24,096	8,906	24,233	8,820
Widowed and Divorced	53,526	21,272	54,384	21,249	55,230	21,791	57,577	22,662
Male	17,975	6,706	18,283	6,803	18,556	6,875	19,078	6,996
Female	35,551	14,566	36,101	14,446	36,674	14,916	38,499	15,666
Not Stated	1,699	148	1,355	141	830	106	961	212
Male	1,169	133	917	124	604	84	677	170
Female	530	15	438	17	226	22	284	42

[1] Estimated.

Source: SC, *Vital Statistics*, (84-206)

Table 3.8

Infant Mortality, Canada and Ontario, 1950-1980

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	9,097	2,454	6,362	1,297	14,375	3,949
1951	8,619	2,429	6,054	1,116	13,885	4,008
1952	9,164	2,562	6,244	1,227	14,468	4,240
1953	8,928	2,474	5,931	1,222	14,054	4,046
1954	8,415	2,415	5,519	1,102	14,165	4,153
1955	8,552	2,500	5,332	1,122	13,947	4,230
1956	9,065	2,509	5,334	1,101	14,507	4,199
1957	9,480	2,737	5,037	1,039	14,745	4,386
1958	9,055	2,698	5,123	1,103	14,384	4,419
1959	8,841	2,673	4,754	1,100	14,064	4,376
1960	8,410	2,644	4,667	1,101	13,778	4,328
1961	8,564	2,627	4,376	999	13,542	4,248
1962	8,783	2,682	4,158	939	13,598	4,324
1963	8,411	2,619	3,859	913	13,205	4,208
1964	7,831	2,402	3,338	853	12,539	3,962
1965	6,835	2,142	3,027	765	10,992	3,574
1966	6,253	1,956	2,707	713	10,004	3,326
1967	5,628	1,789	2,523	726	9,284	3,024
1968	5,376	1,832	2,207	564	8,727	3,091
1969	5,138	1,722	2,011	577	8,308	2,831
1970	5,017	1,711	1,984	560	8,192	2,845
1971	4,485	1,424	1,871	566	7,352	2,476
1972	4,117	1,392	1,821	516	6,672	2,405
1973	3,692	1,238	1,647	502	6,087	2,127
1974	3,506	1,163	1,686	503	5,835	2,039
1975	3,480[1]	1,148	1,650[1]	466	..	1,912
1976	3,290[1]	1,040	1,557[1]	475	..	1,883
1977	2,984	930	1,491	454	5,027	1,677
1978	2,888	924	1,401	449	4,598	1,554
1979	2,652	865	1,342	382	4,345	1,471
1980	2,470	784	1,398	391	4,044	1,371

1) Estimated.

Source: SC, *Vital Statistics* (84-204)

Table 3.9

Infant Mortality Rates[1], Canada and Ontario, 1950-1980

	Neonatal		Post-neonatal		Perinatal	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	24.4	22.6	17.1	11.9	37.9	35.7
1951	22.6	21.2	15.9	9.7	35.8	34.3
1952	22.7	20.7	15.5	9.9	35.2	33.7
1953	21.4	19.1	14.2	9.4	33.1	30.7
1954	19.3	17.7	12.6	8.1	31.9	30.0
1955	19.3	17.9	12.0	8.1	31.0	29.9
1956	20.1	17.5	11.8	7.7	31.7	28.9
1957	20.2	18.1	10.7	6.9	31.0	28.7
1958	19.3	17.7	10.9	7.2	30.2	28.6
1959	18.4	17.0	10.0	7.0	28.9	27.5
1960	17.6	16.6	9.7	6.9	28.4	26.8
1961	18.0	16.7	9.2	6.3	28.1	26.6
1962	18.7	17.2	8.9	6.0	28.6	27.4
1963	18.1	16.9	8.2	5.9	28.0	26.8
1964	17.3	15.7	7.4	5.6	27.4	25.6
1965	16.3	15.1	7.3	5.4	26.0	25.0
1966	16.1	14.8	7.0	5.4	25.5	24.9
1967	15.2	14.0	6.8	5.7	24.7	23.5
1968	14.8	14.5	6.0	4.5	23.7	24.2
1969	13.9	13.2	5.4	4.4	22.3	21.5
1970	13.5	12.7	5.3	4.2	21.8	20.9
1971	12.4	10.9	5.2	4.3	20.1	18.8
1972	11.9	11.1	5.2	4.1	19.0	19.1
1973	10.8	10.0	4.8	4.1	17.6	17.0
1974	10.1	9.4	4.9	4.0	16.7	16.2
1975	9.7[2]	9.1	4.6[2]	3.7	..	15.1
1976	9.1[2]	8.5	4.3[2]	3.9	..	15.2
1977	8.3	7.6	4.1	3.7	13.8	13.6
1978	8.0	7.6	3.9	3.7	12.8	12.8
1979	7.2	7.1	3.7	3.1	11.8	12.0
1980	6.7	6.4	3.8	3.2	10.9	11.1

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1) Neonatal and post-neonatal, rates per 1,000 live births. Perinatal, rates per 1,000 total births (fetal deaths - still births - of 28 or more weeks gestation plus live births).

2) Estimated.

Source: SC *Vital Statistics*, (84-204).

Table 3.10

Deaths by Cause, Canada and Ontario, 1976-1980

	1976		1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
All Causes	167,009	60,645	167,498	61,425	168,179	61,116	168.183	61.468	171.473	62.746
Infective and Parasitic Disease	1,016	306	1,021	269	987	292	721	269	792	287
Neoplasms	35,205	12,758	36,419	13,342	37,498	13,704	38.971	14.170	39.996	14.451
Endocrine, Nutritional and Metabolic Disease	3,702	1,294	3,719	1,255	3,655	1,307	3.594	1.329	3.783	1.342
Disease of Blood and Blood-Forming Organs	504	164	547	181	515	159	549	203	610	222
Mental Disorders	1,089	487	1,145	477	1,197	503	1.285	599	1.351	609
Disease of the Nervous System and Sense Organs	1,810	590	1,809	660	1,898	626	2.042	739	2.251	862
Diseases of the Circulatory System	81,679	31,054	81,474	31,447	80,484	30,586	79.497	30.194	80.718	30.819
Diseases of the Respiratory System	11,801	4,052	10,833	3,848	11,083	3,961	10.263	3.814	11,178	3,991
Diseases of the Digestive System	6,245	2,273	6,130	2,313	6,333	2,316	6.659	2.449	7.023	2.525
Diseases of the Genito-Urinary System	1,925	661	1,976	678	1,972	688	2.092	699	2.193	762
Complications of Pregnancy, Childbirth, and the Puerperium	24	10	18	7	23	8	27	9	28	14
Diseases of the Skin and Subcutaneous Tissue	111	51	123	54	103	49	97	51	117	48
Diseases of the Musculoskeletal System and Connective Tissue	573	195	541	184	523	165	506	179	533	195
Congenital Anomalies	1,595	509	1,585	481	1,632	507	1.560	478	1.614	527
Certain Causes of Perinatal Mortality	2,185	719	1,956	629	1,810	587	1.784	595	1.642	530
Symptoms and Illdefined Conditions	2,194	668	2,201	655	2,379	664	1.979	693	1.904	679
Accidents, Poisonings, and Violence (External Cause)	15,351	4,854	16,001	4,945	16,087	4,994	16.557	4.998	15.740	4.883

Source: SC, *Causes of Death*, (84-203)

Table 3.11

Death from Suicide and Self-inflicted by Cause and Sex, Canada and Ontario, 1976-1980

		1976		1977		1978		1979		1980	
Cause of Death		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Solid or Liquid Substances	M	264	119	305	146	318	145	282	125	278	115
	F	397	168	400	182	371	167	357	146	355	155
Barbituric Acid and Derivatives	M	51	21	45	25	66	29	47	28	52	26
	F	114	60	77	44	78	42	62	26	51	33
Salicylates and Congeners	M	12	6	11	7	20	10	28	10	25	16
	F	20	7	21	10	28	16	46	26	38	20
Psychotherapeutic Agents	M	18	3	20	9	15	4	27	11	28	10
	F	30	9	24	12	36	19	33	11	45	21
Other and Unspecified Drugs	M	101	41	134	54	138	61	131	61	132	51
	F	162	57	199	70	158	53	187	75	197	77
Strychnine	M	8	3	5	–	5	–	9	2	8	0
	F	3	–	2	–	3	1	5	2	2	0
Lye and Potash	M	3	3	2	1	..	..	4	1	2	1
	F	1	–	1	–	..	..	5	1	2	1
Other and Unspecified[1]	M	71	42	88	50	74	41	36	12	31	11
	F	67	35	76	46	68	36	19	5	20	3
Gases in Domestic Use	M	3	2	1	1	3	2	3	2	1	1
	F	–	–	1	1	–	–	1	1	1	0
Other Gases	M	205	74	221	70	243	102	302	97	299	96
	F	44	17	57	22	68	23	62	24	59	26
Motor Vehicle Exhaust Gas	M	193	69	205	63	226	93	276	90	277	86
	F	38	14	52	21	66	22	52	19	54	24
Other Carbon Monoxide	M	11	5	15	7	15	9	21	7	19	10
	F	6	3	5	1	2	1	10	5	5	2
Other and Unspecified	M	1	–	1	–	2	–	5	–	3	–
	F	–	–	–	–	–	–	–	–	–	–

Table 3.11 (cont'd)

Death from Suicide and Self-inflicted by Cause and Sex, Canada and Ontario, 1976-1980

Cause of Death		1976		1977		1978		1979		1980	
		Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Hanging, Strangulation and Suffocation	M	387	160	487	172	569	167	601	204	598	209
	F	127	51	128	53	135	46	157	47	150	42
Submersion (Drowning)	M	80	19	98	27	115	32	116	38	116	37
	F	73	27	69	25	56	22	84	25	66	26
Firearms and Explosives	M	1,006	305	1,168	381	1,163	341	1,024	260	1,033	239
	F	89	31	103	31	124	24	76	19	88	25
Cutting and Piercing Instruments	M	32	12	39	14	43	14	49	18	43	1
	F	11	4	12	3	12	2	9	2	11	3
Jumping from High Places	M	84	31	82	34	95	53	82	28	93	47
	F	61	32	57	25	63	27	53	25	51	27
Other and Unspecified Means	M	45	16	58	19	61	29	59	29	72	40
	F	24	9	30	10	36	12	37	14	41	18
Late Effect	M	2	–	–	–	..	..	2	0	1	1
	F	1	–	1	–	..	..	1	1	2	0
TOTAL - Suicide and Self-inflicted Injury	M	2,108	738	2,459	864	2,610	885	2,520	801	2,534	800
	F	827	339	858	352	865	323	837	304	824	321

1) Includes Corrosive Aromatics, Arsenic and its Compounds, and Other and Unspecified solid or liquid substances.

Source: SC, *Causes of Death*, (84-203)

Table 3.12

Number of Suicides[1], by Selected City, Ontario, 1973-1980

	1973			1974			1975			1976		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	151	99	52	149	102	47	131	87	44	123	75	48
North York (Borough)	53	29	24	72	49	23	56	31	25	60	34	26
Scarborough (Borough)	35	25	10	54	39	15	38	27	11	48	25	23
Hamilton	38	25	13	38	28	10	51	35	16	45	33	12
Ottawa	54	40	14	53	37	16	51	31	20	55	42	13
Etobicoke (Borough)	32	22	10	26	17	9	39	24	15	39	29	10
London	23	16	7	42	25	17	29	18	11	39	25	14
Windsor	29	16	13	31	23	8	34	18	16	23	9	14
Mississauga	12	9	3	22	12	10	27	17	10	16	9	7
York (Borough)	9	6	3	10	6	4	12	10	2	20	15	5
Kitchener	15	10	5	6	6	-	14	9	5	12	7	5
St. Catharines	18	14	4	15	9	6	15	9	6	22	16	6
Thunder Bay	17	15	2	20	16	4	23	18	5	22	18	4
East York (Borough)	13	9	4	18	12	6	18	10	8	9	8	1
Oshawa	18	15	3	11	9	2	8	4	4	12	8	4
Sudbury	6	2	4	22	19	3	11	9	2	15	11	4
Burlington	6	2	4	14	5	9	11	7	4	8	4	4
Sault Ste. Marie	9	7	2	11	9	2	6	5	1	5	4	1
Niagara Falls	6	4	2	9	4	5	8	5	3	9	6	3
Brantford	5	3	2	8	5	3	7	7	–	4	2	2
Oakville	5	4	1	7	3	4	3	3	–	10	5	5
Guelph	7	5	2	9	6	3	6	5	1	11	8	3
Kingston	9	4	5	3	1	2	8	4	4	8	7	1
Peterborough	5	5	-	12	10	2	10	8	2	4	4	-
Sarnia	6	5	1	10	1	9	10	8	2	11	10	1
North Bay	6	5	1	4	3	1	7	6	1	4	3	1
Cornwall	3	2	1	9	9	-	8	5	3	11	10	1
Welland	3	1	2	7	5	2	11	9	2	5	4	1
Brampton	3	2	1	11	6	5	10	9	1	8	5	3
Cambridge[2]	4	3	1	4	3	1	6	5	1	7	3	4

Table 3.12 (cont'd)

Number of Suicides[1], by Selected City, Ontario, 1973-1980

	1977			1978			1979			1980		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Toronto	153	99	54	161	108	53	120	87	33	126	91	35
North York (Borough)	33	26	7	65	39	26	60	38	22	47	27	20
Scarborough (Borough)	33	26	7	47	35	12	32	17	15	47	34	13
Hamilton	51	35	16	45	37	8	47	30	17	33	23	10
Ottawa	45	34	11	42	28	14	45	31	14	62	41	21
Etobicoke (Borough)	45	26	19	50	30	20	38	27	11	32	15	47
London	35	25	10	32	27	4	27	18	9	31	18	13
Windsor	38	29	9	26	18	8	30	19	11	23	14	9
Mississauga	31	18	13	37	28	9	28	18	10	23	15	8
York (Borough)	21	15	6	24	13	11	13	9	4	20	9	11
Kitchener	15	12	3	20	19	1	14	7	7	19	14	5
St. Catharines	19	14	5	26	21	5	15	8	7	8	8	–
Thunder Bay	19	15	4	14	10	4	18	17	1	24	20	4
East York (Borough)	25	16	9	22	12	10	15	11	4	15	10	5
Oshawa	18	13	5	14	9	5	15	8	7	17	16	1
Sudbury	14	6	8	7	4	3	17	15	2	17	11	6
Burlington	10	7	3	15	8	7	13	11	2	6	6	–
Sault Ste. Marie	9	7	2	10	9	1	8	4	4	13	8	5
Niagara Falls	12	10	2	15	10	5	9	8	1	11	7	4
Brantford	5	3	2	8	6	2	8	8	–	11	7	4
Oakville	9	5	4	6	5	1	7	6	1	4	2	2
Guelph	12	8	4	7	5	2	5	3	2	8	7	1
Kingston	9	4	5	13	8	5	21	14	7	10	9	1
Peterborough	10	9	1	6	6	–	8	4	4	7	5	2
Sarnia	8	5	3	8	5	3	8	4	4	9	4	5
North Bay	7	5	2	15	12	3	13	10	3	6	2	4
Cornwall	11	9	2	6	4	2	8	7	1	8	7	1
Welland	7	4	3	4	2	2	7	6	1	7	5	2
Brampton	8	3	5	12	9	3	11	9	2	11	10	1
Cambridge[2]	10	8	2	6	2	4	9	5	4	8	6	2

[1] Count of suicide by location of attending coroner.

[2] Galt became part of Cambridge in 1973. Figures for 1971 and 1972 are for Galt.

Source: Office of the Registrar General, *Ontario Vital Statistics.*

Table 3.13
Suicides by Sex and Age Group, Ontario, 1971-1980

Year	Total	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	N.S.
1971																			
M	757	-	1	53	81	65	46	60	91	82	79	71	60	26	21	11	5	4	1
F	311	-	2	10	23	17	30	24	32	44	43	31	25	15	9	3	3	-	-
T	1,068	-	3	63	104	82	76	84	123	126	122	102	85	41	30	14	8	4	1
1972																			
M	695	-	9	54	74	69	46	52	76	76	57	50	45	29	27	17	6	6	2
F	350	-	1	15	21	42	27	31	48	39	39	30	16	14	10	12	5	-	-
T	1,045	-	10	69	95	111	73	83	124	115	96	80	61	43	37	29	11	6	2
1973																			
M	679	1	4	41	77	59	40	65	63	70	61	56	49	41	24	19	5	3	1
F	305	-	1	9	17	37	24	30	26	41	26	28	27	17	12	3	5	2	-
T	984	1	5	50	94	96	64	95	89	111	87	84	76	58	36	22	10	5	1
1974																			
M	786	-	4	65	104	77	54	69	84	69	70	53	40	31	34	18	10	3	1
F	349	-	2	11	23	33	29	37	36	43	46	28	25	20	9	3	2	2	-
T	1,135	-	6	76	127	110	83	106	120	112	116	81	65	51	43	21	12	5	1
1975																			
M	777	1	7	68	105	87	47	59	70	64	72	59	47	35	25	15	14	2	-
F	326	1	-	17	25	40	20	30	33	36	43	23	22	26	3	5	1	1	-
T	1,103	2	7	85	130	127	67	89	103	100	115	82	69	61	28	20	15	3	-
1976																			
M	738	-	4	58	87	98	61	60	67	68	78	48	34	26	22	14	7	4	2
F	339	-	3	14	30	30	25	34	34	39	30	33	26	15	14	8	4	-	-
T	1,077	-	7	72	117	128	86	94	101	107	108	81	60	41	36	22	11	4	2
1977																			
M	864	1	5	66	139	105	70	70	62	79	72	53	39	42	27	19	7	7	1
F	352	–	4	23	21	31	22	25	29	47	39	31	27	26	12	8	4	2	1
T	1,216	1	9	89	160	136	92	95	91	126	111	84	66	68	39	27	11	9	2
1978																			
M	885	–	3	66	113	117	87	61	75	83	78	65	38	26	35	16	10	10	2
F	323	–	2	14	30	34	30	19	32	34	32	28	21	23	10	7	6	1	–
T	1,208	–	5	80	143	151	117	80	107	117	110	93	59	49	45	23	16	11	2
1979																			
M	801	–	4	58	116	74	88	64	63	72	55	55	56	40	27	18	10	1	–
F	304	–	2	19	33	34	20	28	23	22	33	31	20	16	10	7	6	–	–
T	1,105	–	6	77	149	108	108	92	86	94	88	86	76	56	37	25	16	1	–
1980																			
M	800	–	3	65	91	112	70	51	58	74	69	60	36	37	26	23	17	7	1
F	321	–	3	18	28	25	22	31	31	29	33	30	28	17	11	8	4	3	–
T	1,121	–	6	83	119	137	92	82	89	103	102	90	64	54	37	31	21	10	1

Source: Office of the Registrar General.

Table 3.14

Immigration by Intended Destination, Canada and Provinces, 1951-1980

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon N.W.T.
1951	194,391	104,842	259	211	2,035	1,423	46,033	8,749	4,178	12,238	14,394	29
1952	164,498	86,059	503	306	2,702	1,020	35,318	6,635	3,875	13,050	14,967	63
1953	168,868	90,120	502	261	2,206	1,080	34,294	8,191	3,790	15,227	13,118	79
1954	154,227	83,029	524	107	2,207	1,011	28,419	9,219	4,125	13,294	12,197	95
1955	109,946	57,563	444	123	1,841	659	22,117	5,062	2,654	7,843	11,570	70
1956	164,857	92,849	436	115	1,679	873	32,153	5,936	2,255	10,199	18,241	121
1957	282,164	147,097	495	134	2,789	1,674	55,073	11,614	4,427	21,131	37,528	202
1958	124,851	63,853	373	78	1,786	1,031	28,443	4,732	2,595	8,429	13,400	131
1959	106,928	55,976	345	91	1,087	640	24,816	3,610	1,815	7,423	11,000	125
1960	104,111	54,491	306	83	1,210	634	23,774	4,337	2,087	6,949	10,120	120
1961	71,689	36,518	365	69	901	770	16,920	2,527	1,333	4,823	7,326	137
1962	74,586	37,210	378	77	989	944	19,132	2,410	1,163	4,745	7,441	97
1963	93,151	49,216	349	78	1,198	769	23,264	2,792	1,438	4,731	9,254	62
1964	112,606	61,468	445	79	1,189	696	25,973	3,006	1,795	5,521	12,324	110
1965	146,758	79,702	604	137	1,612	1,074	30,346	3,948	2,649	8,049	18,502	135
1966	194,743	107,621	805	141	2,084	1,283	39,198	5,132	3,440	10,078	24,746	215
1967	222,876	116,850	984	147	2,406	1,322	45,717	9,313	3,754	15,004	27,215	164
1968	183,974	96,155	1,006	176	1,957	1,025	35,481	8,723	3,557	13,203	22,496	195
1969	161,531	86,588	832	182	2,167	1,239	28,230	6,380	2,492	11,274	21,953	194
1970	147,713	80,732	630	185	2,007	1,070	23,261	5,826	1,709	10,405	21,683	205
1971	121,900	64,357	819	172	1,812	1,038	19,222	5,301	1,426	8,653	18,917	183
1972	122,006	63,805	686	175	1,872	1,301	18,592	5,262	1,511	8,390	20,107	305
1973[1]	184,200	103,187	984	273	2,548	1,729	26,871	6,621	1,866	11,904	27,949	268
1974[1]	218,465	120,115	1,036	311	2,601	2,207	33,458	7,423	2,244	14,289	34,481	300
1975	187,881	98,471	1,106	235	2,124	2,093	28,042	7,134	2,837	16,277	29,272	290
1976	149,429	72,031	725	235	1,942	1,752	29,282	5,509	2,323	14,896	20,484	250
1977	114,914	56,594	583	192	1,587	1,158	19,248	5,058	2,231	12,694	15,395	174
1978	86,313	42,397	374	145	980	661	14,290	3,574	1,564	9,826	12,331	171
1979[2]	112,096	51,947	553	289	1,336	1,145	19,522	4,903	2,760	12,778	16,586	206
1980[2]	143,117	82,257	541	190	1,616	1,207	22,538	7,683	3,603	18,839	24,437	189

1) Figures for these years are slightly inflated by individuals who have previously entered Canada without Landed Immigrant Status but who applied between August and October 1973 for Landed Immigrant Status under the "Adjustment of Status Program" administered by the Department of Manpower and Immigration. Ontario (Canada) total immigrants, all ages, under this program as of December 28, 1973 and December 27, 1974 numbered 6,716 (15,505) and 4,727 (10,686) respectively. Of these figures some represent dependents not in the country of those making application. It is felt that a significantly large percentage of the 1974 figures represent dependents.

2) Provincial breakdown will not add to Grand Total due to "Province not Stated".

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics.*

Table 3.15

Immigrants by Country of Last Permanent Residence, Canada and Ontario, 1975-1980

	1975		1976		1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
TOTAL	187,881	98,471	149,429	72,031	114,914	56,594	86,313	42,397	112,096	51,947	143,117	62,257
Argentina	1,567	726	1,463	571	1,499	460	1,046	355	596	274	449	211
Australia	1,654	639	1,387	544	1,063	393	744	245	808	299	884	305
Belgium	656	219	532	136	436	81	359	92	503	97	599	114
Egypt	892	444	728	255	598	194	471	151	511	203	616	295
France	3,891	617	3,251	414	2,757	385	1,754	274	1,900	267	1,900	287
Germany, Fed. Rep. of	3,469	1,710	2,672	1,125	2,254	955	1,471	607	1,323	569	1,643	682
Greece	4,062	2,312	2,487	1,350	1,960	1,016	1,474	768	1,247	606	1,093	502
Hong Kong	11,132	4,698	10,725	4,676	6,371	2,881	4,740	2,081	5,966	2,658	6,309	2,681
India	10,144	4,980	6,733	3,048	5,555	2,406	5,110	2,151	4,517	1,959	8,483	3,510
Ireland, Republic of	1,098	603	639	305	571	275	469	232	553	276	679	333
Israel	1,527	772	1,201	529	957	448	735	369	831	412	1,498	716
Italy	5,078	3,396	4,530	2,457	3,411	1,947	2,976	1,812	1,996	1,170	1,740	966
Japan	635	216	498	177	412	134	359	116	666	240	737	246
Lebanon	1,506	679	7,161	2,924	3,847	1,437	1,454	561	1,747	690	1,406	527
Mexico	845	440	757	341	794	423	526	282	384	147	424	183
Netherlands	1,448	638	1,359	579	1,247	580	1,237	504	1,479	676	1,866	747
New Zealand	509	154	487	132	475	114	480	140	581	129	642	135
Pakistan	2,165	1,500	2,173	1,435	1,575	1,018	1,159	713	1,117	693	881	602
Philippines	7,364	3,871	5,939	2,871	6,232	2,957	4,370	2,053	3,873	1,617	6,051	2,308
Poland	809	479	903	528	902	514	753	440	1,045	572	1,185	661
Portugal	8,547	6,361	5,344	3,611	3,579	2,344	3,086	2,056	3,723	2,534	4,228	3,072
South Africa, Republic of	1,567	924	1,611	932	2,458	1,385	1,653	1,014	1,339	812	1,370	788
Spain	697	254	633	210	356	122	289	115	271	86	355	106
Sweden	408	163	269	95	260	105	226	95	262	129	287	111
Switzerland	1,272	434	1,192	336	944	301	801	268	1,073	356	857	273
Taiwan	1,131	592	1,178	618	899	469	637	313	707	375	827	436
Turkey	320	208	246	123	311	143	192	115	257	108	444	215
U.S.S.R.	278	100	315	130	299	96	379	185	1,385	786	2,079	1,003
United Kingdom	34,978	18,265	21,548	11,264	17,997	9,981	11,801	6,483	12,853	7,101	18,245	8,984
United States	20,155	7,723	17,315	6,292	12,888	5,063	9,945	4,176	9,617	3,990	9,926	3,835
Yugoslavia	2,932	2,164	1,741	1,253	1,408	1,038	927	697	887	644	661	459
Vietnam[2]	2,281	489	2,291	376	459	109	659	210	19,859	7,778	25,541	9,496
Caribbean	17,973	11,933	14,842	9,196	11,911	7,809	8,328	5,052	6,366	3,969	7,361	4,364
Other Countries	34,891	19,708	25,279	13,198	18,229	9,011	15,703	7,672	21,854	9,725	31,851	13,104

1) Figures shown for 1975 to 1977 are total immigration from South Vietnam and the Socialist Republic of Vietnam

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Table 3.16

Immigrants by Country of Last Permanent Residence and by Area of Destination, Ontario, 1981

Area of Destination	Eastern Europe	Greece	Carib-bean & Guyana	Hong Kong	South Asia	Italy	Laos	Viet-nam	Philip-pines	Portu-gal	Cent. & South America	Africa	United Kingdom	United States	All Other	Total
Ontario	1,452	438	5,853	2,634	3,504	1,109	231	2,553	2,250	1,103	1,705	1,975	10,284	4,086	14,403	53,580
Brantford	4	3	15	1	57	1	0	25	4	7	1	8	44	19	78	267
Cambridge	61	1	31	8	25	2	2	16	12	2	8	12	292	55	87	614
Guelph	8	2	19	10	46	5	1	27	4	0	3	13	102	33	94	367
Hamilton	65	5	127	52	115	56	6	124	56	36	51	27	391	96	556	1,763
Kingston	0	1	8	5	12	5	0	35	16	6	4	11	60	30	88	281
Kitchener	32	7	109	29	39	2	9	74	1	15	18	24	136	74	267	836
London	33	14	77	53	30	17	14	116	32	27	17	80	271	97	297	1,175
Niagara Falls	2	1	5	9	11	28	1	12	24	0	1	10	59	46	78	287
Oshawa	7	1	21	9	11	5	4	12	4	10	1	9	115	20	121	350
Ottawa	20	18	263	139	154	33	34	320	37	23	70	126	557	191	1,000	2,985
Peterborough	0	1	12	14	6	0	0	20	4	2	4	2	29	37	61	192
St. Catharines	0	0	20	8	8	27	12	26	21	0	13	11	199	61	137	543
Sarnia	4	0	12	5	12	3	0	10	3	2	2	14	107	73	71	318
Sault Ste. Marie	0	0	1	9	0	18	0	40	2	0	0	9	51	46	47	223
Sudbury	4	1	9	5	11	4	0	32	7	1	4	15	27	10	126	256
Thunder Bay	4	1	5	16	4	9	0	33	2	15	2	12	35	34	133	305
City of Toronto	769	233	2,305	1,226	887	466	46	858	811	591	892	1,038	3,380	1,059	6,163	20,724
Windsor	5	11	30	57	69	28	0	65	68	3	18	24	69	198	372	1,017
Other	434	138	2,784	979	2,007	400	102	708	1,142	363	596	530	4,360	1,907	4,627	21,077

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch

Table 3.17

Immigrants by Intended Occupation, Ontario 1975-1980

	1975	1976	1977	1978	1979	1980
Entrepreneurs	–	–	–	194	114	110
Managerial, Administrative and Related Fields	2,673	2,463	2,127	1,156	1,290	1,514
Professional and Technical, Natural Sciences, Mathematics	4,633	2,575	1,839	1,360	1,739	2,192
Physical Sciences	406	228	177	141	164	234
Life Sciences	207	127	110	73	84	90
Architects and Engineers	1,056	703	513	337	408	560
Other Architecture and Engineering	2,408	1,217	769	566	793	833
Mathematics, Statistics, System Analysis and Related	556	300	270	243	290	475
Social Sciences and Related Fields	502	408	281	234	181	208
Social Sciences	197	170	102	72	59	79
Social Work and Related Fields	151	125	83	71	62	56
Law and Jurisprudence	63	45	47	47	22	32
Library, Museum and Archival Sciences	91	68	49	44	38	41
Religion – Members of the Clergy and Related	164	169	206	175	179	153
Teaching and Related	1,050	883	621	484	544	700
Medicine and Health	2,255	1,386	959	778	930	1,032
Diagnosing and Treating	378	163	116	94	132	182
Nursing, Therapy and Related Assisting Occupations	1,372	857	515	432	504	557
Other Medicine and Health	505	366	328	252	294	293
Artistic, Literary, Performing Arts and Related	551	571	515	360	407	496
Fine and Commercial Art, Photography and Related Fields	441	413	380	282	335	396
Writing	110	158	135	78	72	100
Sports and Recreation	46	50	47	31	57	48
Clerical and Related	6,693	4,820	3,849	2,710	2,995	3,586
Sales	1,910	1,278	1,153	779	870	1,097

Table 3.17 (cont'd.)

Immigrants by Intended Occupation, Ontario 1975-1980

	1975	1976	1977	1978	1979	1980
Service	3,461	2,458	2,245	1,724	1,789	2,055
Farming, Horticultural and Animal Husbandry	714	555	544	407	591	945
Fishing, Hunting, Trapping and Related	15	8	9	11	30	86
Forestry and Logging	50	11	5	4	8	13
Mining and Quarrying including Oil and Gas Field	70	28	25	12	9	17
Processing	855	576	435	326	492	679
Machining and Related	2,954	1,620	1,324	1,042	1,356	1,473
Product Fabricating Assembling and Repairing	5,870	3,525	2,804	1,959	3,204	4,178
Construction	3,178	1,930	1,500	1,124	1,106	1,320
Construction	123	91	53	35	51	59
Electrical Power, Lighting and Wire Communication Equipment	442	273	225	156	227	347
Other Construction Trades	2,613	1,566	1,222	9333	828	914
Transport Equipment Operating	509	345	227	165	338	471
Air Transport	44	17	17	16	13	41
Rail Transport	5	8	5	1	4	5
Water Transport	49	40	23	15	32	41
Motor Transport	411	278	179	133	289	383
Other Transport	–	2	3	–	–	1
Material Handling and Related	428	248	155	105	182	198
Other Crafts and Equipment Operating	282	201	166	95	143	203
Not Elsewhere Classified	2,825	2,460	2,003	2,095	3,860	4,884
Total Workers	41,688	28,568	23,039	17,330	22,414	27,658
Non Workers	56,783	43,463	33,555	25,067	29,533	34,599
Grand Total	98,471	72,031	56,594	42,397	51,947	62,257

Source: Employment and Immigration Canada, Immigration and Demographic Policy Group, *Immigration Statistics*.

Section 4

Family and Social Services

Highlights

- **Families** – The number of families in Ontario on June 1, 1981 was 2.3 million, an increase of 397,000 or 21.0 per cent since the 1971 census, and of 621,000 or 37.5 per cent since the 1966 census. The average number of persons per family in Ontario in 1981 was 3.2, a slight decrease from the 1976 census which showed an average of 3.4 persons per family.

  The combined number of families with no children or only one child increased to 57.3 per cent of all families in 1981 in Ontario, compared with 54.7 per cent in 1976.

- **Marriage and Divorce** – Between 1979 and 1980 the total number of marriages in Canada increased 1.7 per cent from 187,811 to 191,069. Ontario also witnessed an increase in the number of marriages, from 67,980 to 68,840. During the same period, the number of divorces in Canada rose by 4.3 per cent, from 59,474 to 62,019 for Ontario, there was an increase of 3.0 per cent from 21,793 to 22,442.

  The marriage rate per 1,000 population in 1980 was 8.0 for Canada and 8.0 for Ontario; in the same year the divorce rate per 100,000 population was 259.1 for Canada and 261.7 for Ontario.

- **Social Services Expenditures** – Social services expenditures by federal, provincial, municipal governments and other agencies amounted to $1,374.2 million in Ontario in 1980. The Provincial-Federal government's share was $1,216.6 million. $476.0 million of this was allocated to family benefits – allowances, $107.7 million to homes for the aged, and $118.2 million to child welfare – Children's Aid Societies, the rest going to a variety of other social services. From 1975-76 to 1980-81, total expenditure on social services in Ontario rose from $800.8 million to $1,374.2 million, an increase of 71.6 per cent.

Definitions

Family – A group of two or more persons living in the same dwelling and related to one another either as husband and wife (with or without unmarried children) or as parent and children. Any other persons in the dwelling who might be related to the family head are not, however, counted as members of the family. Sometimes such persons would constitute a second family in the dwelling. For example, where a married son and his family are living in the same dwelling as his parents there would be two families in the same dwelling.

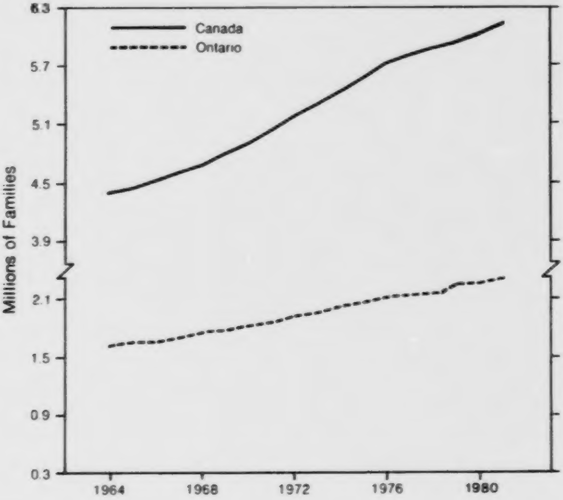
Children in Families – Unmarried sons and daughters 24 years and under living with their parents were classified as children in the family. Unmarried sons and daughters 25 years and over living with their parents were counted as family members but not as children. Stepchildren and adopted children under 25 years were included in the number of children in families. Guardianship children or wards under 21 years were similarly treated.

Coverage of Data on Family Estimates – The May 1973 Labour Force Survey which supplied the sample data on families covered about 30,000 households in approximately 450 areas across Canada. Excluded were households in the Yukon and Northwest Territories, households of Indians on reserves and households in institutions and military camps. Accordingly, the family estimates exclude families in such households except that allowance was made for families on Indian Reserves.

Reliability of Estimates – The figures in this report for 1966 and 1971 are census figures. The estimates for 1973 are obtained by weighting the sample survey figures on the basis of the 1971 Census population statistics adjusted for births, deaths and migration between 1971 and 1973. The changes shown during the year are affected by sampling errors as well as by enumeration and response differences. Accordingly, small changes in the figures from year to year may not be significant as they reflect sampling error and enumeration differences as well as real changes that may have occurred.

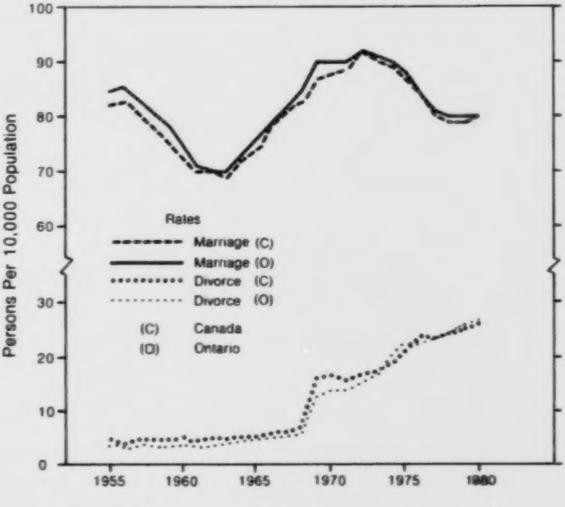
Family, Census – Consists of a husband and wife (with or without children who have never been married, regardless of age) or a parent with one or more children never married, living in the same dwelling. A family may also consist of a man or woman living with a guardianship child or ward under 21 years for whom no pay was received.

Graph 4.A
Number of Families, Canada and Ontario, 1964-1981



Refer to Table 4.1

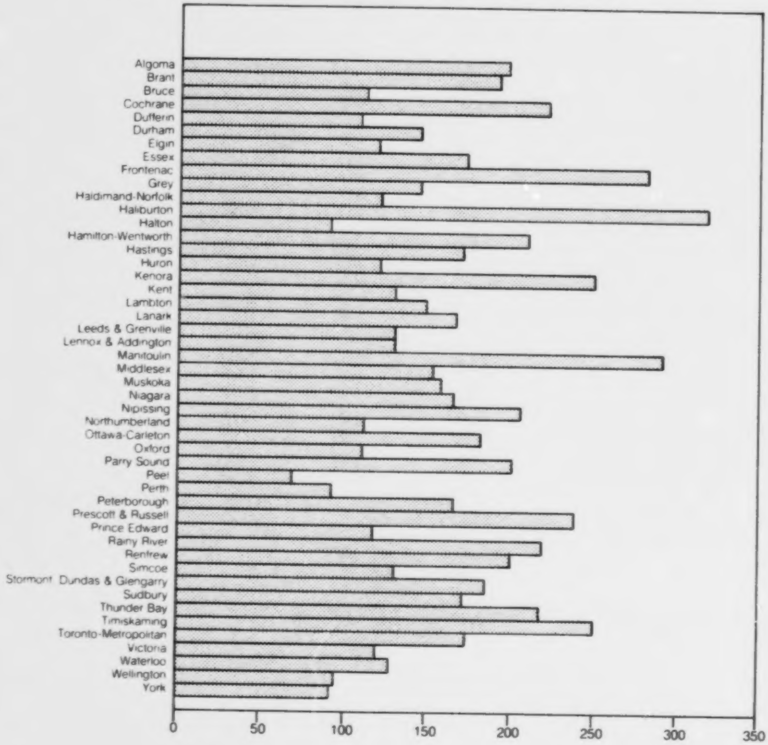
Graph 4.B
Marriage Rates and Divorce Rates, Canada and Ontario, 1955-1980



Refer to Table 4.7

Graph 4.C

Social Services Expenditures per Capita by County, Ontario, 1980-81



Refer to Table 4.11

Table 4.1

Number[1] of Families, by Region, Canada[2], 1963-1981

	Canada	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
			'000's			
1963	4,314	1,580	410	1,157	750	417
1964	4,400	1,618	417	1,182	762	421
1965	4,454	1,645	409	1,204	755	441
1966	4,518	1,658	415	1,229	771	445
1967	4,608	1,703	417	1,248	777	463
1968	4,696	1,745	421	1,262	789	479
1969	4,807	1,793	427	1,284	805	498
1970	4,908	1,813	445	1,314	806	530
1971	5,043	1,877	452	1,354	830	531
1972	5,168	1,922	463	1,389	843	551
1973	5,300	1,966	477	1,427	858	573
1974	5,445	2,019	489	1,467	875	597
1975	5,589	2,065	502	1,506	899	616
1976	5,715	2,105	515	1,540	927	628
1977	5,813	2,137	524	1,563	953	636
1978	5,896	2,168	532	1,573	977	646
1979	5,969	2,190	539	1,585	998	656
1980$_p$	6,053	2,215	547	1,598	1,021	673
1981[3]	6,310	2,279	558	1,672	1,073	728

1) Number of Families are estimates.
2) Not including Yukon and Northwest Territories
3) 1981 census of Population and Households.
Source SC *Estimates of Families for Canada and the Provinces*, (91-204)

Table 4.2

Census Families by Size and by Number of Children Living at Home, Ontario, Census Years, 1961-81

	1961	1966	1971	1976	1981
Total Families	1,511,478	1,657,933	1,881,835	2,104,540	2,278,975
Size of Census Family					
2 Persons	477,049	512,434	620,170	756,330	876,796
3 Persons	326,671	336,385	395,295	449,715	502,300
4 Persons	327,203	355,712	405,980	484,795	555,875
*5 Persons[1]	196,663	227,294	244,030	413,700	241,390
6 + Persons	183,892	226,108	216,355	..	102,615
Persons in Families	5,496,900	6,156,692	6,738,065	7,124,630	7,348,510
Average number of Persons per Family	3.6	3.7	3.6	3.4	3.2
Number of Children Living at Home					
0 Children	475,531	504,438	695,425	650,990	740,205
1 Child	322,149	333,970	397,620	499,430	565,020
2 Children	329,682	360,303	415,710	515,535	602,185
3 Children	198,722	229,995	250,270	266,195	260,485
4 Children	98,997	120,888	124,510	111,290	80,965
5 + Children	86,397	108,339	98,305	61,100	30,115
Children in Families	2,487,403	2,870,759	3,046,160	3,118,005	3,040,855
Average number of Children per Family	1.6	1.7	1.6	1.5	1.3

1) For 1976, read 5+ Persons

Source: SC. *Families, Families by Size and Type.*
Families, Children in Families

Table 4.3

Number of Census Families, by County, Canada and Ontario, Census Years, 1961-1981

	1961	1966	1971	1976	1981
Canada	4,147,444	4,526,266	5,070,680	5,727,895	6,324,975
Ontario	1,511,478	1,657,933	1,881,835	2,104,540	2,278,975
Algoma	25,108	25,297	27,960	30,210	34,705
Brant	20,754	22,120	23,825	25,795	28,150
Bruce	10,126	10,069	11,455	14,535	15,945
Cochrane	20,495	20,116	21,490	23,065	24,440
Dufferin	3,884	4,122	5,185	7,330	8,275
Dundas	4,092	4,127	4,320	4,765	5,095
Durham	9,613	10,455	11,570	64,125	76,930
Elgin	14,921	14,814	16,250	17,615	18,360
Essex	63,244	67,097	74,400	78,975	81,900
Frontenac	19,578	21,662	24,070	26,700	27,940
Glengarry	4,044	3,863	4,165	4,660	5,185
Grenville	5,509	5,638	6,050	6,750	7,415
Grey	15,422	15,318	16,650	18,805	20,150
Haldimand	6,775	7,070	7,930	23,130[6]	24,235[6]
Haliburton	2,201	2,017	2,410	3,005	3,365
Halton	26,314	33,718	47,505	59,820	69,095
Hastings	22,018	21,999	24,205	27,280	29,025
Huron	12,630	12,542	12,815	14,175	14,875
Kenora	11,226	11,648	12,105	13,480	14,375
Kent	21,842	22,936	24,600	27,050	28,255
Lambton	24,514	25,029	28,065	31,110	33,250
Lanark	9,098	9,241	9,960	10,995	12,080
Leeds	11,035	11,451	12,395	13,580	14,520
Lennox-Addington	5,705	6,010	6,880	8,425	8,895
Manitoulin	2,445	2,280	2,395	2,515	2,685
Middlesex	53,448	59,599	69,255	77,025	84,160
Muskoka[1]	6,489	6,713	7,995	9,665	10,615
Niagara[2]	72,403	79,029	87,000	95,730	100,285
Nipissing	15,142	15,715	17,825	19,695	20,650
Norfolk	12,502	12,446	13,675	..[6]	...[6]
Northumberland	9,983	10,632	11,865	16,885	17,760
Ontario	33,161	40,785	48,550	..[7]	...[7]
Ottawa-Carleton[3]	81,400	93,004	111,640	127,695	140,695
Oxford	17,027	18,058	19,600	21,830	22,880
Parry Sound	6,854	6,607	7,430	8,460	9,205
Peel	27,747	41,537	64,835	97,695	131,185
Perth	14,102	14,454	15,270	16,750	17,345
Peterborough	18,321	19,355	21,685	26,195	28,255
Prescott	5,689	5,761	6,270	7,105	7,970
Prince Edward	5,130	5,127	5,105	5,830	6,125
Rainy River	5,959	5,771	5,970	6,080	5,905
Renfrew	19,767	19,645	21,040	21,985	22,840
Russell	4,300	4,378	3,520	4,760	5,760
Simcoe	32,566	34,172	41,440	53,975	60,525
Stormont	13,157	13,444	14,425	15,540	16,550
Sudbury	36,316	37,850	45,485	47,930[8]	48,665[8]
Thunder Bay	31,801	32,573	34,545	37,355	39,900
Timiskaming	11,307	10,543	10,810	10,740	10,740
Toronto[4]	..	..	518,360	540,690	554,120
Victoria	7,354	7,586	8,700	11,725	13,545
Waterloo	43,461	51,962	62,870	74,365	81,275
Wellington	20,222	22,012	26,385	31,215	34,045
Wentworth	89,789	96,670	100,820	107,080[9]	110,860[9]
York[5]	443,488	500,654	40,820	52,645	67,950

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1) District Municipality, comprising the former Territorial District of Muskoka as well as part of the Unorganized Township of Finlayson in the Territorial District of Nipissing.

2) Regional Municipality, comprising the former counties of Lincoln and Welland.

3) Regional Municipality, comprising the former county of Carleton as well as Cumberland Township in Russell County.

4) Metropolitan Municipality, comprising that part of former York County previously known as "Toronto Metropolitan Corporation".

5) Regional Municipality, comprising that part of the former York County outside the old "Toronto Metropolitan Corporation".

6) For 1976, the figure is for the Regional Municipality of Haldimand-Norfolk.

7) Durham Regional Municipality and Simcoe County acquired parts of what was formerly Ontario County in 1973.

8) The Sudbury figure includes 41,370 families in the Regional Municipality of Sudbury and 6,560 families in the Territorial District of Sudbury for 1976 and 6,955 and 41,710 respectively for 1981.

9) 1976 figure is for the Regional Municipality of Hamilton-Wentworth which was formed in 1973.

Source: SC. *Families, Families By Size and Type.*

Table 4.4

Marriages by Age of Bride and Groom, Canada and Ontario, 1976-1980

		1976		1977		1978		1979		1980	
		Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms	Brides	Grooms
Total	Canada	186,844	186,844	187,344	187,344	185,523	185,523	187,811	187,811	191,069	191,069
	Ontario	69,364	69,364	67,730	67,730	67,491	67,491	67,980	67,980	68,840	68,840
Under 15 Years	Canada	53	-	65	1	18	–	23	–	18	–
	Ontario	27	-	29	1	11	–	–	–	–	–
15-19 Years	Canada	44,880	12,508	41,634	11,320	37,805	9,995	34,877	8,844	32,393	8,017
	Ontario	16,491	5,035	14,900	4,279	13,344	3,727	12,106	3,333	11,043	2,962
20-24 Years	Canada	84,078	86,050	85,564	84,753	85,877	82,824	87,769	82,046	89,350	81,159
	Ontario	30,296	30,459	29,669	29,374	30,048	28,722	30,806	28,442	31,372	28,194
25-29 Years	Canada	28,327	45,663	29,547	46,713	30,636	46,980	32,559	49,086	35,416	51,832
	Ontario	10,844	17,243	11,174	16,798	11,632	17,189	12,258	17,760	13,126	18,550
30-34 Years	Canada	10,395	16,036	11,334	17,529	12,118	18,503	13,032	19,776	14,314	21,374
	Ontario	4,038	6,234	4,486	6,795	4,857	7,121	5,120	7,582	5,612	7,971
35-39 Years	Canada	5,151	7,552	5,405	7,934	5,771	8,488	6,099	8,977	6,331	9,580
	Ontario	2,112	2,921	2,147	3,065	2,319	3,323	2,428	3,426	2,534	3,682
40-44 Years	Canada	3,483	4,895	3,504	5,029	3,538	5,009	3,618	5,193	3,746	5,243
	Ontario	1,431	1,909	1,357	1,966	1,464	1,987	1,472	2,065	1,484	2,090
45 + Years	Canada	10,270	13,752	10,145	13,798	9,699	13,591	9,730	13,674	9,416	13,724
	Ontario	4,121	5,558	3,964	5,448	3,812	5,420	3,789	5,371	3,668	5,390
Not Stated	Canada	207	388	146	267	61	133	104	215	85	140
	Ontario	4	5	4	4	4	2	1	1	1	1

Source: SC, *Vital Statistics* (84-205)

Table 4.5

Marriages[1], by Selected Municipality, Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
Toronto	15,217	14,706	13,351	12,354	10,949	11,064
North York (Borough)	2,089	1,915	1,941	1,963	2,448	3,333
Scarborough (Borough)	2,214	2,092	2,070	2,120	2,209	2,135
Hamilton	2,936	2,763	2,669	2,629	2,762	2,762
Ottawa	3,476	3,455	3,544	3,464	3,330	3,301
Etobicoke (Borough)	1,701	1,663	1,642	1,669	1,711	1,867
London	2,159	2,060	2,108	2,154	2,170	2,137
Windsor	1,924	1,808	1,861	1,888	1,814	1,681
Mississauga	1,180	1,260	1,384	1,602	1,596	1,546
York (Borough)	520	394	424	475	429	451
Kitchener	1,016	1,003	1,031	1,249	1,278	1,261
St. Catharines	1,069	987	1,020	1,037	1,019	956
Thunder Bay	1,025	1,041	1,042	1,042	1,019	989
East York (Borough)	301	251	238	220	227	234
Oshawa	871	886	831	801	879	923
Sudbury	991	995	993	939	876	912
Burlington	583	571	659	677	801	834
Sault Ste. Marie	780	740	714	734	784	778
Niagara Falls	605	572	533	591	753	817
Cambridge	821	788	666	519	533	547
Brantford	689	624	620	648	692	631
Oakville	455	459	411	385	384	464
Guelph	612	580	557	539	569	604
Kingston	824	709	681	693	695	719
Peterborough	681	626	576	583	584	613
Sarnia	648	570	562	542	594	582
North Bay	535	475	480	516	522	496
Cornwall	570	572	494	454	533	454
Welland	409	373	392	366	403	390
Brampton	1,008	931	870	961	931	969

[1] By place of occurrence

Source: Office of the Registrar General

Table 4.6

Marriages and Divorces, Canada and Ontario, 1950-1980

	Marriages		Divorces	
	Canada	Ontario	Canada	Ontario
1950	125,083	43,744	5,386	2,241
1951	128,408	45,198	5,270	2,109
1952	128,474	45,251	5,650	2,218
1953	131,034	45,954	6,160	2,824
1954	128,629	45,028	5,923	2,469
1955	128,029	44,634	6,053	2,531
1956	132,713	46,282	6,002	2,478
1957	133,186	46,780	6,688	2,873
1958	131,525	46,894	6,279	2,776
1959	132,474	46,598	6,543	2,915
1960	130,338	45,855	6,980	2,965
1961	128,475	44,434	6,563	2,739
1962	129,381	44,454	6,768	3,140
1963	131,111	45,306	7,686	3,237
1964	138,135	48,501	8,623	3,503
1965	145,519	51,274	8,974	4,087
1966	155,596	54,571	10,239	4,101
1967	165,879	58,377	11,165	4,350
1968	171,766	62,109	11,343	5,036
1969	182,183	67,150	26,093	11,845
1970	188,428	68,874	29,775	12,451
1971	191,324	69,590	29,685	12,211
1972	200,470	72,278	32,389	13,190
1973	199,064	72,371	36,704	13,781
1974	198,824	72,716	45,019	15,277
1975	197,585	72,209'	50,611	17,485
1976	193,343	69,364	54,207	18,589
1977	187,344	67,730	55,370	19,735
1978	185,523	67,491	57,155	20,534
1979	187,811	67,980	59,474	21,793
1980	191,069	68,840	62,019	22,442

Source SC, *Vital Statistics* (84-205)

Table 4.7

Marriage Rates and Divorce Rates, Canada and Ontario, 1950-1980

	Marriage Rates		Divorce Rates	
	Canada	Ontario	Canada	Ontario
	Rate per 1,000 Population		Rate per 100,000 Population	
1950	9.1	9.8	39.3	50.1
1951	9.2	9.8	37.6	45.9
1952	8.9	9.5	39.1	46.3
1953	8.8	9.3	41.5	57.2
1954	8.4	8.8	38.7	48.3
1955	8.2	8.5	38.6	48.1
1956	8.3	8.6	37.3	45.8
1957	8.0	8.3	40.3	51.0
1958	7.7	8.1	36.8	47.7
1959	7.6	7.8	37.4	48.8
1960	7.3	7.5	39.1	48.5
1961	7.0	7.1	36.0	43.9
1962	7.0	7.0	36.4	49.4
1963	6.9	7.0	40.6	49.9
1964	7.2	7.3	44.7	52.9
1965	7.4	7.6	45.7	60.2
1966	7.8	7.8	51.2	58.9
1967	8.1	8.2	54.8	61.0
1968	8.3	8.5	54.8	69.3
1969	8.7	9.0	124.2	160.4
1970	8.8	9.0	139.8	164.9
1971	8.9	9.0	137.6	158.5
1972	9.2	9.2	148.4	168.6
1973	9.0	9.1	166.1	173.6
1974	8.9	9.0	200.6	188.7
1975	8.7	8.8	222.0	212.6
1976	8.4	8.4	235.8	224.9
1977	8.0	8.1	237.7	235.7
1978	7.9	8.0	243.4	243.1
1979	7.9	8.0	251.3	256.3
1980	8.0	8.0	259.1	261.7

Source: SC, *Vital Statistics* (84-205).

Table 4.8

Provincial-Federal, Municipal and Other Sources Participation in Social Service Expenditures by Program, Ontario, Year Ending March 31, 1981

	Provincial and Federal	Municipal	Other Sources	Total
	$	$	$	$
Non-Capital Expenditures for Social Assistance and Services				
General Welfare Assistance – Allowances	210,001,505	50,917,015	–	260,918,520
General Welfare Assistance – Administration Subsidy	19,941,164	19,941,164	–	39,882,328
Family Benefits	476,034,228	–	–	476,034,228
Municipal Homes for the Aged	107,716,086	19,670,643	–	127,386,729
Charitable Institutions for Adults	29,835,579	–	4,432,594	34,268,173
Elderly Persons Centres	1,603,695	641,478	962,217	3,207,390
Senior Citizens' Home Support Services	2,923,971	–	2,923,971	5,847,942
Day Nurseries	43,045,524	10,761,373	–	53,806,897
Day Nurseries for Mentally Retarded	7,443,621	–	1,860,907	9,304,528
Child Welfare C.A.S.	118,195,399	27,722,411	–	145,917,810
Child Abuse	907,991	–	–	907,991
Children's Services Committees – Central Ont.	805,061	–	–	805,061
Children's Services Committees – North & Eastern Ont.	412,405	–	–	412,405
Institutions for Children and Youth	7,722,388	–	1,930,599	9,652,987
Charitable Institutions for Children and Youth	645,255	–	161,314	806,569
Juvenile Deliquency	558,517	558,517	–	1,117,034
Correctional Services	3,164,500	–	–	3,164,500
Mental Health Facilities for Children	64,557,146	–	–	64,557,146
Homes for Retarded Persons (Children)	3,737,988	–	934,497	4,672,485
Community Support Services (Children)	8,362,813	–	–	8,362,813
Nursing Homes and Special Care for Children	157,891	–	–	157,891
Homemakers and Nurses Services	8,866,957	1,716,739	–	8,583,696
Vocational Rehabilitation	11,433,112	–	–	11,433,112
Halfway Houses	3,011,629	–	752,912	3,764,541
Adult Group Homes	443,820	–	110,955	554,775

Table 4.8 (cont'd)

Provincial-Federal, Municipal and Other Sources Participation in Social Services Expenditures by Program, Ontario, Year Ending March 31, 1981

	Provincial and Federal	Municipal	Other Sources	Total
	$	$	$	$
Non-Capital Expenditures for Social Assistance and Services (cont'd.)				
Handicapped Persons Housing	1,720,266	–	–	1,720,266
Homes for Retarded Persons (Adults)	19,816,630	–	4,954,161	24,770,791
Residential Facilities for Mentally Retarded (Sch. II)	29,163,855	–	–	29,163,855
Sheltered Workshops for Mentally Retarded	7,009,258	–	1,752,316	8,761,574
Sheltered Workshops – Training Services	16,498,009	–	4,124,505	20,622,514
Life Skills Training	3,524,362	–	–	3,524,362
Protection Services for Mentally Retarded	2,951,216	–	–	2,951,216
Support Services for Mentally Retarded	926,767	–	–	926,767
Payments in Lieu of Municipal Taxes	354,754	–	–	354,754
Family Services Agencies	519,952	–	–	519,952
Family Crisis Intervention	53,476	–	–	53,476
Work Activity Project	1,565,011	391,253	–	1,956,264
Municipal Admin. Purchase – Counselling Services	1,469,886	367,481	–	1,837,367
Credit Counselling Services	924,094	–		924,094
Demonstration Projects	594,160	–	–	594,160
Total Assistance and Services	1,216,619,941	132,688,074	24,900,948	1,374,208,963
Capital Expenditures for New and Acquired Buildings				
Municipal Homes for the Aged	1,037,413	–	–	1,037,413
Charitable Institutions for Adults	1,257,417	–	–	1,257,417
Elderly Persons Centres	7,779	–	–	7,779
Adult Group Homes	27,662	–	–	27,662
Day Nurseries	482,976	–	–	482,976
Day Nurseries for Mentally Retarded	155,551	–	–	155,551
Institutions for Children and Youth	206,696	–	–	206,696
Homes for Retarded Persons	411,682	–	–	411,682
Mental Health Facilities	1,142,191	–	–	1,142,191
Sheltered Workshops for Training Services	1,448,072	–	–	1,448,072
Sheltered Workshops (Other)	401,908	–	–	401,908
Residential Facilities for Mentally Retarded	1,123,444	–	–	1,123,444
Total Capital	7,702,791	–	–	7,702,791
Grand Total	1,224,322,732	132,688,074	24,900,948	1,381,911,754

Source: Ministry of Community and Social Services, *Expenditures by Municipality*

Table 4.9

Provincial-Federal, Municipal and Other Participation in Social Service Expenditures by Municipal Unit, Year Ending March 1981

Municipal Unit	Provincial and Federal	Municipal	Other Sources	Total
		%		$
Ontario	88.53	9.66	1.81	1,374,208,963
Algoma	91.94	7.85	0.21	10,250,180
Barrie	93.22	3.47	3.31	7,848,226
Brant	90.49	8.22	1.29	20,940,368
Brockville	88.96	8.18	2.86	4,214,392
Bruce	91.05	7.79	1.16	6,536,293
Chatham	90.90	6.78	2.32	7,543,583
Cochrane	92.06	6.88	1.06	13,627,815
Cornwall	90.00	7.66	2.34	12,437,925
Dufferin	88.84	9.24	1.92	3,293,103
Durham	87.56	10.92	1.52	40,227,241
Elgin	89.64	9.17	1.19	3,761,101
Essex	87.22	11.40	1.38	11,009,139
Frontenac	91.40	7.81	0.79	3,955,127
Grey	90.28	7.44	2.28	10,551,363
Haldimand-Norfolk	91.39	7.75	0.86	10,612,116
Haliburton	93.72	4.80	1.48	3,447,152
Halton	90.21	7.65	2.14	22,255,789
Hamilton-Wentworth	88.99	9.73	1.28	85,803,750
Hastings	92.19	6.90	0.91	18,283,514
Huron	89.60	7.88	2.52	6,745,206
Kenora	90.42	8.23	1.35	15,529,678
Kent	89.09	10.30	0.61	6,228,650
Kingston	93.89	5.51	0.60	28,531,351
Lambton	85.24	13.09	1.67	8,084,385
Lanark	90.50	8.79	0.71	7,528,264
Leeds & Grenville	92.06	6.77	1.17	6,301,754
Lennox & Addington	92.92	6.07	1.01	4,214,860
London	88.82	8.66	2.52	40,497,961
Manitoulin	90.48	8.74	0.78	3,726,967
Middlesex	87.32	9.15	3.53	9,173,379
Muskoka	89.37	9.48	1.15	5,796,596
Niagara	89.73	7.96	2.31	60,565,135
Nipissing	94.90	4.28	0.82	6,252,925
North Bay	90.98	6.70	2.32	10,250,533
Northumberland	90.22	7.80	1.98	7,267,345
Ottawa-Carleton	85.44	12.99	1.57	100,178,923
Oxford	88.40	8.75	2.85	9,375,303
Parry Sound	91.01	7.52	1.47	6,727,241
Peel	85.35	12.42	2.23	31,807,735
Perth	88.76	7.05	4.19	2,384,700
Peterborough	93.78	6.02	0.20	2,853,681
Peterborough City	89.98	8.34	1.68	14,206,382
Prescott & Russell	89.33	9.66	1.01	12,532,739
Prince Edward	91.30	7.23	1.47	2,605,010
Rainy River	88.78	9.11	2.11	5,221,510
Renfrew	91.92	6.61	1.47	17,452,417
Sarnia	88.28	9.32	2.40	10,184,163
Sault Ste. Marie	89.22	9.74	1.04	16,064,773
St. Thomas	92.97	5.11	1.92	4,550,367
Simcoe	91.68	6.31	2.01	21,270,238
Stormont, Dundas & Glengarry	93.13	5.80	1.07	6,742,979
Stratford	87.27	10.38	2.35	3,799,578
Sudbury	92.05	7.01	0.94	34,667,459
Thunder Bay	91.44	6.40	2.16	4,410,858
Thunder Bay City	88.45	10.10	1.45	28,833,652
Timiskaming	94.12	5.03	0.85	10,557,652
Timmins	90.45	8.42	1.13	9,594,155
Toronto-Metropolitan	86.22	11.55	2.23	372,036,493
Victoria	93.70	5.52	0.78	5,682,831
Waterloo	87.09	10.61	2.30	39,162,758
Wellington	89.06	9.56	1.38	12,554,504
Windsor	89.32	9.34	1.34	43,240,055
York	89.64	7.18	3.18	22,217,641

Source: Ministry of Community and Social Services. *Expenditures by Municipality*

Table 4.10

Expenditures of Social Services, Programs, by County, Ontario, 1976-77 to 1980-81[1]

County	1976-77	1977-78	1978-79	1979-80	1980-81
			$		
Ontario	842,946,463	999,186,638	1,094,662,757	1,195,549,237	1,374,208,963
Algoma	15,028,440	17,062,995	21,057,174	23,950,634	26,314,953
Brant	12,098,193	14,132,927	15,864,237	17,787,554	20,940,368
Bruce	4,284,077	4,992,001	5,023,599	5,555,701	6,536,293
Cochrane	15,134,406	17,889,152	20,360,448	21,548,689	23,221,970
Dufferin	2,220,504	2,493,027	2,619,415	2,789,441	3,293,103
Durham	21,781,915	28,084,491	31,502,558	35,174,563	40,227,241
Elgin	5,108,772	5,851,841	6,159,653	6,665,210	8,311,468
Essex	33,743,683	38,580,256	41,047,743	46,910,599	54,249,194
Frontenac	15,071,082	21,995,343	25,180,277	28,075,381	32,486,478
Grey	5,601,543	7,056,203	7,707,309	8,735,547	10,551,363
Haldimand-Norfolk	7,048,056	8,019,263	8,734,221	8,984,137	10,612,116
Haliburton	1,331,266	2,500,164	2,901,805	2,581,439	3,447,152
Halton	13,179,224	15,978,199	17,322,893	18,372,135	22,255,789
Hamilton-Wentworth	53,432,628	66,031,058	74,515,200	77,029,801	85,803,750
Hastings	11,679,787	13,275,496	14,409,843	15,803,255	18,283,514
Huron	4,268,010	5,129,466	5,441,930	5,923,077	6,745,206
Kenora	9,023,582	10,325,022	11,961,170	13,287,206	15,529,678
Kent	8,602,966	9,736,229	10,833,154	11,761,030	13,772,233
Lambton	10,204,930	12,253,725	13,668,973	15,902,130	18,268,548
Lanark	4,491,255	5,408,313	6,016,305	6,870,830	7,528,264
Leeds & Grenville	6,306,883	7,070,234	7,705,993	8,828,784	10,516,146
Lennox & Addington	2,807,244	3,135,932	3,461,125	3,687,970	4,214,860
Manitoulin	2,632,316	2,816,881	3,006,620	3,212,643	3,726,967
Middlesex	30,566,660	36,134,942	38,415,860	43,315,905	49,671,340
Muskoka	3,799,065	4,630,256	5,351,440	5,212,387	5,796,596
Niagara	42,134,673	47,634,381	50,427,848	55,040,711	60,565,135
Nipissing	10,877,275	13,302,224	14,469,989	14,961,082	16,503,458
Northumberland	4,406,507	5,133,606	5,338,552	6,096,998	7,267,345
Ottawa-Carleton	59,373,480	67,399,588	76,778,726	86,988,242	100,178,923
Oxford	5,581,846	6,154,283	6,417,740	7,564,653	9,375,303
Parry Sound	4,654,406	4,898,890	5,069,617	5,664,789	6,727,241
Peel	17,968,616	20,887,498	22,834,756	26,681,294	31,807,735
Perth	3,689,747	4,287,021	4,721,509	4,899,092	6,184,278
Peterborough	9,316,238	12,014,030	13,626,896	14,475,437	17,060,063
Prescott & Russell	7,579,086	8,923,118	9,719,146	10,876,498	12,532,739
Prince Edward	1,863,059	1,993,641	2,021,711	2,320,677	2,605,010
Rainy River	3,397,274	3,499,837	3,840,883	4,256,104	5,221,510
Renfrew	12,117,957	13,278,248	14,099,207	15,061,026	17,452,417
Simcoe	15,137,900	20,130,221	22,547,532	24,753,187	29,118,464
Stormont, Dundas & Glengarry	12,748,612	14,152,436	14,765,212	16,221,690	19,180,904
Sudbury	21,290,048	25,665,366	26,983,428	30,131,163	34,667,459
Thunder Bay	21,298,711	25,224,628	27,298,087	29,462,998	33,244,510
Timiskaming	6,054,980	7,190,135	7,101,601	8,360,929	10,557,652
Toronto-Metropolitan	237,659,022	280,593,333	304,221,116	323,651,895	372,036,493
Victoria	3,348,650	3,871,964	4,171,537	4,654,855	5,682,831
Waterloo	23,016,602	26,934,950	28,954,210	32,235,191	39,162,758
Wellington	8,240,537	9,463,379	9,948,928	11,143,640	12,554,504
York	11,744,750	15,970,445	19,035,581	22,081,038	22,217,641

[1] Fiscal year ending March 31 of each year.

Source: Ministry of Community and Social Services, *Expenditures by Municipality*.

Table 4.11
Social Services Expenditures per Capita, by County, Ontario, 1976-77 to 1980-81[1]

	1976-77	1977-78	1978-79	1979-80	1980-81
			$		
Ontario	101.44	118.75	129.41	140.26	159.35
Algoma	121.52	134.08	162.74	182.71	198.39
Brant	115.01	131.69	147.18	163.36	190.81
Bruce	76.23	85.43	84.15	92.92	110.04
Cochrane	143.68	169.28	193.99	206.82	220.96
Dufferin	78.57	85.85	86.75	91.98	107.98
Durham	89.31	109.53	118.61	128.94	145.31
Elgin	74.53	84.63	88.97	95.50	119.65
Essex	108.91	123.74	130.68	147.37	171.25
Frontenac	135.63	195.79	220.46	245.76	281.39
Grey	79.04	97.86	106.20	119.86	144.41
Haldimand-Norfolk	81.16	92.13	100.78	102.96	121.22
Haliburton	128.59	236.99	271.68	240.51	317.77
Halton	58.28	69.36	73.75	76.47	89.99
Hamilton-Wentworth	130.54	160.52	182.69	188.91	209.25
Hastings	110.58	124.72	135.17	147.59	170.37
Huron	76.95	91.54	97.45	105.02	120.33
Kenora	147.91	169.36	196.21	217.87	249.63
Kent	81.83	91.60	101.27	108.99	128.96
Lambton	84.44	99.62	110.87	130.99	149.72
Lanark	103.05	121.84	133.35	152.73	166.59
Leeds & Grenville	80.74	89.50	96.18	109.29	129.62
Lennox & Addington	88.49	94.91	104.52	112.59	129.37
Manitoulin	212.15	222.98	235.54	252.39	290.49
Middlesex	97.86	114.07	120.25	134.22	151.56
Muskoka	108.64	129.87	147.54	140.83	156.15
Niagara	116.27	130.13	137.29	149.88	164.73
Nipissing	135.65	165.99	180.35	188.22	204.52
Northumberland	70.39	80.33	83.39	94.78	111.97
Ottawa-Carleton	113.87	127.07	143.53	160.52	182.48
Oxford	66.06	72.71	75.92	88.91	110.52
Parry Sound	152.11	156.35	159.30	175.04	200.75
Peel	47.66	52.05	54.16	60.94	68.48
Perth	56.47	64.93	70.98	74.06	93.80
Peterborough	94.36	120.96	136.71	143.21	166.28
Prescott & Russell	154.77	177.36	189.03	208.36	238.93
Prince Edward	85.06	89.73	91.93	104.26	117.71
Rainy River	136.28	139.04	152.53	174.72	217.01
Renfrew	137.65	150.47	159.82	171.68	200.72
Simcoe	72.36	94.45	103.91	113.31	131.07
Stormont, Dundas & Glengarry	126.34	138.15	143.15	156.23	184.67
Sudbury	102.73	123.04	131.79	149.67	172.34
Thunder Bay	144.31	169.07	181.31	194.25	218.47
Timiskaming	137.53	166.79	164.80	196.35	251.60
Toronto-Metropolitan	110.32	130.64	142.88	151.87	173.57
Victoria	77.63	85.93	90.71	99.57	119.56
Waterloo	79.05	90.96	97.45	107.19	127.66
Wellington	65.32	74.19	77.37	86.51	95.83
York	58.02	76.44	89.01	98.93	92.95

1) Fiscal year ending March 31 of each year

Source: Ministry of Community and Social Services, *Expenditures by Municipality*

Section
5

Health

Highlights

- **Life Expectancy** – From 1951 to 1976 average life expectancy has increased in Ontario. Average life expectancy for females at birth in 1976 was 77.7 years while that for males was 70.6 years. At age 60 in 1976, average life expectancy for females was 21.9 years and that for males 17.0 years.

- **Medical Professions** – Statistics for the medical professions indicate there were 16,000 medical doctors in Ontario, in 1981. In terms of the number of persons per resident physician, the ratio has deceased from 782 in 1960 to 541 in 1981. The ratio of persons per nurse, over the same period, has fallen from 178 to 89. In the dental field, the number of persons per dentist reported in 1960 was 2,461; figures for 1981 show a decrease to 1,913 persons per dentist. Area data indicate that Metro Toronto had the lowest ratio of 1 dentist to every 1,384 persons.

- **Hospitals** – The total operating expense per patient-day in Ontario public general and allied special hospitals in 1969 was $52.50 which has risen to $195.91 by 1980-81, an increase of 273.2 per cent. Comparable rates for Canada were $50.69 and $185.27, representing a 265.5 per cent increase over the same period. The number of hospitals of all types in Ontario totailed 307 (60,597 beds) in 1979; by 1981, this number had fallen to 284 (59,611 beds). Public general hospitals with 200 or more beds had decreased from 81 in 1980 to 80 in 1981. Average days per separation in Ontario fell to 10.9 in 1978 from 11.5 in 1968. The average days per separation for males in 1978 was higher than that for females, 11.2 compared with 10.7.

- **Illness** – In terms of notifiable diseases in 1981 those with the highest rate per 100,000 population were influenza with 346.7, chickenpox with 159.6 and salmonellosis with 42.3. In 1980, 14,451 deaths were reported from cancer with males representing 54.3 per cent of this total; heart disease took 22,829 lives of whom 56.2 per cent were males. There was a small decline of 0.4 per cent in the average daily population in mental institutions from 1980 to 1981. Among those diagnosed with psychosis in 1980-81, schizophrenia had the highest incidence with 21.9 per 100,000 population. Of those in mental institutions without psychosis, mental retardation showed a rate of incidence of 2.9 per 100,000 population.

- **Smoking and Alcoholic Consumption** – In 1981, 33.1 per cent of the Ontario male population 15 years and over were regular smokers, i.e. smoked daily. The Ontario figure represents a decline of 21.0 per cent since 1974. In the Ontario female population 15 years and over, 27.2 per cent were regular smokers in 1981. The number of female smokers in Ontario showed a decrease since 1974 of 4.2 per cent. In 1979-80 the per capita annual consumption of alcoholic beverages for those aged 15 years and over in Ontario was 2.53 gallons, up 1.6 per cent over the corresponding figure for 1976-77.

- **Drug and Alcohol Related Offences** – There were 19,591 drug related offences in Ontario in 1978, or 232.0 per 100,000 population. The number of alcohol related offences was much higher — 156,168, or 1,849.5 per 100,000 people.

Definitions

Notifiable Diseases – Diseases which by legislation are required to be reported. What is deemed to be a notifiable disease may vary from province to province.

Patients in Approved Homes – Those individuals who were originally admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently sent to an Approved Home. These individuals are still retained "on the books" of the hospital whence they came; they have not been discharged.

Patients on Leave of Absence – Individuals admitted to a Psychiatric Hospital or Facility for the Retarded and subsequently placed on leave of absence under The Mental Health Act, 1967. They are not discharged; they are still under the supervision of the hospital whence they came and are included in Patients on the Books.

"***Bed Capacity*** – The number of beds and cribs that a hospital has been approved to accommodate, on the basis of established standards of floor area per bed". The Hospital List (83-201) capacity data represent the provincial authority's estimate for the forthcoming year being reported. Other measures of capacity are "approved bed complement", and "beds staffed and in operation". Rated Bed estimates tend to be higher than the latter two measures.

Patients on Books – Patients in hospital plus patients in Approved Homes plus patients on Leave of Absence.

Separations – Discharges plus deaths plus transfers-out (from one psychiatric inpatient facility directly to another).

General Hospital – Provides mainly for the diagnosis and short-term treatment of patients for a wide range of diseases and injuries. The services of a general hospital are not restricted to a specific age group or sex.

Average Daily Population in Hospital – $\frac{\text{Total number of patient days in the year}}{\text{Total number of days in the year}}$

Average Daily Population on Books – $\frac{\text{Total number of patients on the hospital books at the end of each month}}{\text{Total number of months in the year all hospitals are open}}$

Apparent Consumption – Purchases of alcoholic beverages by alcoholic content. Purchases may not equal actual consumption because of spillage, etc.

Special Register Physician – A physician having a restricted licence to practise. Further information on the types of restrictions can be obtained from the College of Physicians and Surgeons of Ontario.

Discharges – A function of total admissions; as the number of patients entering psychiatric inpatient facilities rises, the number leaving tends to rise. Deals with one treatment period; the totals are aggregates of cases, some patients being discharged more than once during the year.

Public – Applies to an institution recognized by the province as a "public institution". Such an institution generally is not operated for profit.

Proprietary – Applies to an institution owned by an individual or by a private organization, operated for a profit, and recognized by the province as a "proprietary hospital".

Federal – Applies to an institution owned by a department or agency of the Government of Canada and operated on a non-profit basis.

Mental Psychiatric Hospital – An institution that provides treatment for all types of psychiatric conditions and includes facilities for long-term care.

Institution for the Mentally Retarded – A facility that provides care, treatment and training for mentally retarded patients.

Aged and Senile Home – A facility for the care and treatment of the aged who suffer from psychosis, senility, or other psychiatric disorders.

Psychiatric Unit – A unit within a general hospital that is organized for the treatment of patients with psychiatric disorders.

Hospital for Addicts – A facility specializing in the treatment of patients suffering from alcoholism or drug addiction.

Other Types – Hospital for epileptics and treatment centre for emotionally disturbed children.

Patient-Day – The period of service to an inpatient between the census-taking hours on two successive days. The day of admission is counted as a patient-day but the day of separation is not.

Regular Register Physician – A physician having a full licence to practise.

Physicians, Resident – Those physicians giving an Ontario address as their mailing address.

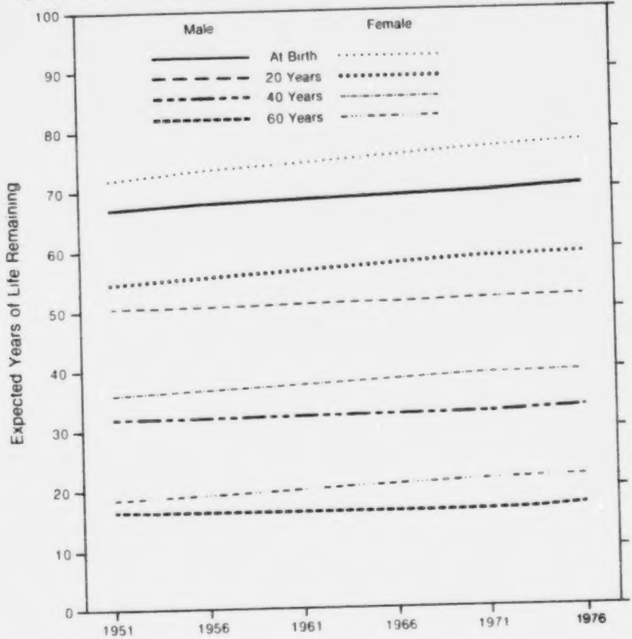
Prescribed Drugs – Drugs sold at retail on the prescription of a practitioner; excluding drugs dispensed by hospitals.

Residential Special Care Facilities – These facilities are, in general, maintained for people, chronically ill or disabled who reside there more or less permanently, in contrast to, for example, a hospital where patients are accommodated on the basis of medical need and are provided with continuing medical care and supporting diagnostic and therapeutic services.

The owner of the facility is the person, group of persons, agency or body responsible for the financial status of the operation.

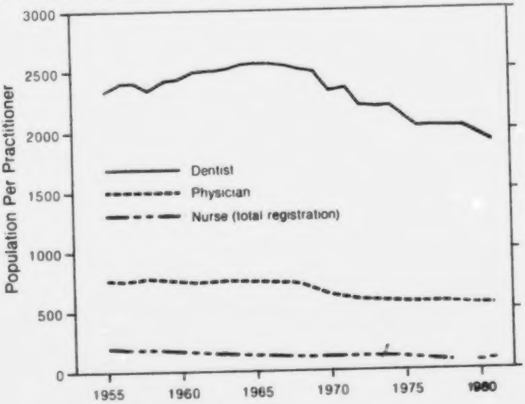
The maximum bed capacity is the number of beds that could be set up in the existing space and regularly maintained for residents.

Graph 5.A
Average Life Expectancy by Selected Age, Ontario, Census Years, 1951-1976



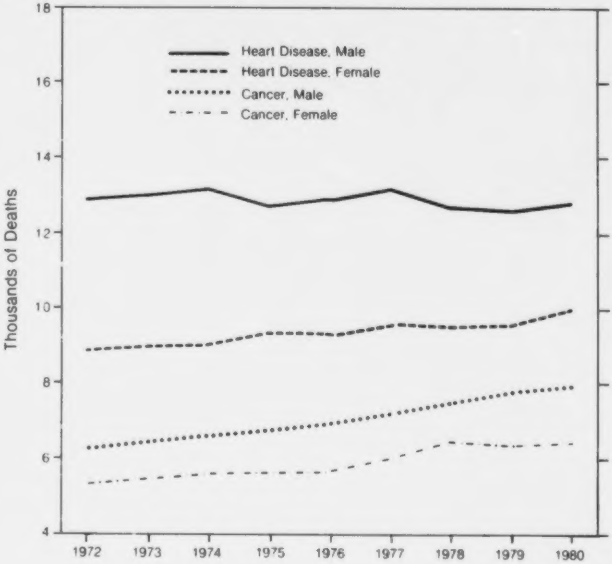
Refer to Table 5.1

Graph 5.B
Population Per Physician, Nurse and Dentist, Ontario, 1955-1981



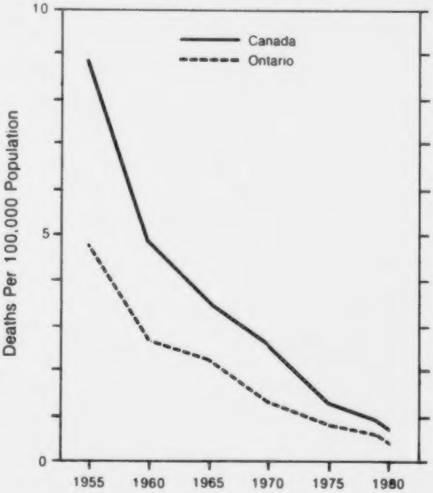
Refer to Tables 5.3, 5.4 and 5.7

Graph 5.C
Death from Cancer and Heart Disease by Sex, Ontario, 1972-1980



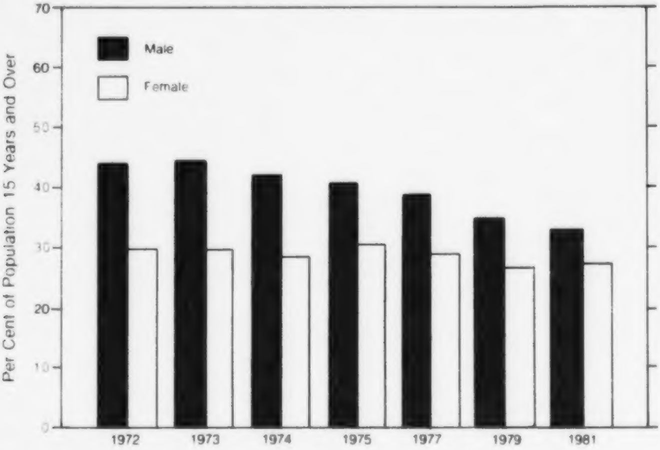
Refer to Table 5.16

Graph 5.D
Rates of Death from All Forms of Tuberculosis, Canada and Ontario, 1955-1980



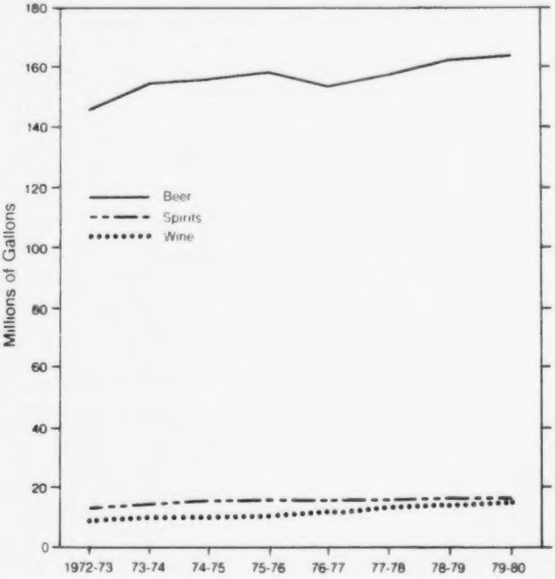
Refer to Table 5.17

Graph 5.E
Cigarette Smokers, Ontario, 1972-1975, 1977, 1979 and 1981



Refer to Table 5.33

Graph 5.F
Volume of Sales of Alcoholic Beverages, Ontario, 1972-73 to 1979-80



Refer to Table 5.34

Table 5.1

Average Life Expectancy by Selected Age, Canada and Ontario, Census Years, 1951–1976

	Canada		Ontario	
	Male	Female	Male	Female
At Birth				
1951	66.3	70.8	66.9	71.9
1956	67.6	72.9	67.8	73.6
1961	68.4	74.2	68.3	74.4
1966	68.8	75.2	68.7	75.5
1971	69.3	76.4	69.6	76.8
1976[1]	70.2	77.5	70.6	77.7
1 Year				
1951	68.3	72.3	68.3	72.9
1956	69.0	74.0	68.8	74.3
1961	69.5	75.0	69.1	75.0
1966	69.5	75.7	69.3	75.9
1971	69.8	76.6	69.8	76.8
1976[1]	70.2	77.4	70.5	77.5
20 Years				
1951	50.8	54.4	50.6	54.8
1956	51.2	55.8	50.8	56.0
1961	51.5	56.7	51.0	56.5
1966	51.5	57.4	51.1	57.5
1971	51.7	58.2	51.6	58.4
1976[1]	52.1	59.0	52.2	59.0
40 Years				
1951	32.5	35.6	32.0	35.8
1956	32.7	36.7	32.2	36.7
1961	33.0	37.5	32.4	37.3
1966	33.0	38.2	32.4	38.2
1971	33.2	39.0	32.9	39.1
1976[1]	33.6	39.7	33.5	39.6
60 Years				
1951	16.5	18.6	16.2	18.6
1956	16.5	19.3	16.1	19.4
1961	16.7	19.9	16.2	19.7
1966	16.8	20.6	16.2	20.6
1971	17.0	21.4	16.6	21.5
1976[1]	17.2	22.0	17.0	21.9

[1] Averages are based on the 3 years centred around the census year.

Source: SC, *Vital Statistics, Vol. III, Deaths.*

Table 5.2
Doctors, Specialists and Non-Specialists, by County, Ontario, 1981

	Non-Specialists		Specialists		Total Doctors	
	Total[1]	Population Ratio[2]	Total[1]	Population Ratio[2]	Total[1]	Population Ratio[2]
Ontario	...	...	...	...	16,000	539
Algoma	...	...	...	...	153	872
Brant	...	...	...	...	139	751
Bruce	...	...	...	...	50	1,200
Cochrane	...	...	...	...	99	979
Dufferin	...	...	...	...	29	1,074
R.M. of Durham	...	...	...	...	345	822
Elgin	...	...	...	...	85	820
Essex	...	...	...	...	408	766
Frontenac	...	...	...	...	421	256
Grey	...	...	...	...	115	641
Haldimand-Norfolk	...	...	...	...	59	1,516
Haliburton	...	...	...	...	10	1,136
Halton	...	...	...	...	436	582
Hastings	...	...	...	...	167	640
Huron	...	...	...	...	51	1,100
Kenora	...	...	...	...	45	1,320
Kent	...	...	...	...	124	863
Lambton	...	...	...	...	152	812
Lanark	...	...	...	...	65	703
Leeds & Grenville	...	...	...	...	114	710
Lennox & Addington	...	...	...	...	29	1,139
Manitoulin	...	...	...	...	14	786
Middlesex	...	...	...	...	1,007	316
Muskoka	...	...	...	...	58	662
R.M. of Niagara	...	...	...	...	474	777
Nippising	...	...	...	...	107	750
Northumberland	...	...	...	...	66	984
Ottawa-Carleton	...	...	...	...	1,502	364
Oxford	...	...	...	...	98	877
Parry Sound	...	...	...	...	46	729
Peel	...	...	...	...	507	968
Perth	...	...	...	...	90	734
Peterborough	...	...	...	...	201	510
Prescott & Russell	...	...	...	...	48	1,099
Prince Edward	...	...	...	...	26	859
Rainy River	...	...	...	...	19	1,200
Renfrew	...	...	...	...	101	866
Simcoe	...	...	...	...	299	752
Stormont, Dundas & Glengarry	...	...	...	...	113	895
Sudbury	...	...	...	...	222	842
Thunder Bay	...	...	...	...	197	782
Timiskaming	...	...	...	...	47	879
Victoria	...	...	...	...	51	938
Waterloo	...	...	...	...	407	751
Wellington	...	...	...	...	185	670
Hamilton-Wentworth	...	...	...	...	914	450
Metro Toronto	...	...	...	...	5,748	372
York	...	...	...	...	357	706

1) Figures based on December 31st physician registration
2) County ratios are obtained by using December 31, 1981 physician figures with June, 1981 Census of Canada, Statistics Canada, Population by County

Source: College of Physicians and Surgeons of Ontario Licensing Statistics.

Table 5.3
Estimated Physicians Resident, Ontario, 1950-1981

	Number	Population per Physician
1950	5,523	824
1951	5,642	835
1952	5,822	838
1953	6,119	824
1954	6,400	813
1955	6,704	798
1956	7,064	784
1957	7,240	793
1958	7,409	797
1959	7,600	796
1960	7,908	782
1961	8,136	775
1962	8,236	780
1963	8,478	775
1964	8,759	767
1965	8,950	769
1966	9,366	755
1967	9,702	746
1968	10,242	722
1969	10,885	694
1970	11,554	665
1971	12,445	625
1972	12,836	615
1973	13,343	602
1974	13,885	583
1975	14,523	566
1976	14,643	564
1977	14,927	561
1978	15,100	559
1979	15,301	558
1980	15,663	547
1981	16,000	539

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1) All figures as of December 31st. The numbers shown for years prior to 1971 reflect total registration less an estimate of the number of physicians non-resident in the province.

Source: College of Physicians and Surgeons Licensing Statistics

Table 5.4

Registered Nurses, Ontario, 1950-1981[1]

	Total Registration	Working in Nursing in Ontario	Population per Nurse	
			Total Registration	Work in Nursing
1950	20,162	..	225	..
1951	21,396	..	220	..
1952	21,174	..	230	..
1953	23,576	..	214	..
1954	24,799	..	210	..
1955	26,315	..	203	..
1956	28,354	..	195	..
1957	29,496	..	195	..
1958	30,408	..	194	..
1959	33,409	..	181	..
1960	34,819	..	178	..
1961	38,008	..	166	..
1962	41,036	..	157	..
1963	43,991	..	149	..
1964	46,737	..	144	..
1965	48,922	..	141	..
1966	50,793[r]	32,764	139	216
1967	54,513	34,183	133	212
1968	59,115	34,413	125	198
1969	62,801	41,091	120	184
1970	66,125	43,665	116	176
1971	70,515	43,624	110	178
1972	74,874	43,486	105	182
1973	78,054	45,502	103	176
1974	74,224	48,736	109	166
1975	77,270	51,203	106	161
1976	88,966	55,263	93	150
1977	91,971	55,650	91	150
1978	94,309	57,742	89	146
1980[2]	95,887	61,228	89	140
1981[3]	95,962	63,060	90	137

1) 1950-1978 are figures as at December 31
2) As at February 15, 1980
3) As at January

Source: College of Nurses of Ontario

Table 5.5

Registered Nurses Employed, by County, Ontario, 1981

	Population[1]	Registered Nurses Employed[2]	Ratio per 100,000
Ontario	8,625,105	63,060	731.1
Algoma	133,555	899	673.1
Brant	104,430	725	694.2
Bruce	60,020	288	479.8
Cochrane	96,875	582	600.8
Dufferin	31,145	175	561.9
R.M. of Durham	283,640	1,681	592.7
Elgin	69,705	578	829.2
Essex	312,480	2,043	653.8
Frontenac	108,130	1,418	1,311.4
Grey	73,825	707	957.7
Haldimand-Norfolk	89,455	415	463.9
Haliburton	11,365	29	255.2
Halton	253,885	1,416	557.7
Hastings	106,880	759	710.1
Huron	56,125	358	637.9
Kenora	59,420	338	568.8
Kent	107,020	769	718.6
Lambton	123,445	840	680.5
Lanark	45,675	371	812.3
Leeds & Grenville	80,945	635	784.5
Lennox & Addington	33,040	129	390.4
Manitoulin	11,000	43	390.9
Middlesex	318,185	3,649	1,146.8
Muskoka	38,370	240	625.5
R.M. of Niagara	368,285	2,289	621.5
Nippising	80,265	638	794.9
Northumberland	64,970	353	543.3
Ottawa-Carleton	546,845	5,442	995.2
Oxford	85,920	595	692.5
Parry Sound	33,525	143	426.6
Peel	490,735	1,678	341.9
Perth	66,095	506	765.6
Peterborough	102,455	888	866.7
Prescott & Russell	52,775	163	308.9
Prince Edward	22,335	104	465.6
Rainy River	22,800	123	539.5
Renfrew	87,485	637	728.1
Simcoe	225,070	1,394	619.4
Stormont, Dundas & Glengarry	101,125	716	708.0
Sudbury	186,850	1,188	635.8
Thunder Bay	153,995	1,318	855.9
Timiskaming	41,290	294	712.0
Victoria	47,855	245	512.0
Waterloo	305,495	1,905	623.6
Wellington	129,430	924	713.9
Hamilton-Wentworth	411,445	3,676	893.4
Metro Toronto	2,137,395	17,508	819.1
York	252,055	1,144	453.9

1) Census of Canada, Statistics Canada

2) Registered nurses employed as at February 15, 1981

3) Includes 102 non-respondents

Source: College of Nurses of Ontario

Table 5.6

Registered Nursing Assistants Employed, by County, Ontario, 1981

	Population[1]	RNA's Employed[2]	Ratio per 100,000
Ontario	8,625,105	21,913	254.1
Algoma	133,555	345	258.3
Brant	104,430	368	352.4
Bruce	60,020	190	316.6
Cochrane	96,875	313	323.1
Dufferin	31,145	89	285.8
R.M. of Durham	283,640	796	280.6
Elgin	69,705	413	592.5
Essex	312,480	587	187.9
Frontenac	108,130	527	487.4
Grey	73,825	259	350.8
Haldimand-Norfolk	89,455	291	325.3
Haliburton	11,365	20	176.0
Halton	253,885	477	187.9
Hastings	106,880	248	232.0
Huron	56,125	268	477.5
Kenora	59,420	238	400.5
Kent	107,020	317	296.2
Lambton	123,445	360	291.6
Lanark	45,675	225	492.6
Leeds & Grenville	80,945	424	523.8
Lennox & Addington	33,040	88	266.3
Manitoulin	11,000	38	345.5
Middlesex	318,185	1,352	424.9
Muskoka	38,370	111	289.3
R.M. of Niagara	368,285	877	238.1
Nipissing	80,265	405	504.6
Northumberland	64,970	119	183.2
Ottawa-Carleton	546,845	1,059	193.7
Oxford	85,920	243	282.8
Parry Sound	33,525	146	435.5
Peel	490,735	817	166.5
Perth	66,095	219	331.3
Peterborough	102,455	331	323.1
Prescott & Russell	52,775	109	206.5
Prince Edward	22,335	78	349.2
Rainy River	22,800	147	644.7
Renfrew	87,485	258	298.9
Simcoe	225,070	682	303.0
Stormont, Dundas & Glengarry	101,125	273	270.0
Sudbury	186,850	452	241.9
Thunder Bay	153,995	615	399.4
Timiskaming	41,290	148	358.4
Victoria	47,855	149	311.4
Waterloo	305,495	624	204.3
Wellington	129,430	419	323.7
Hamilton-Wentworth	411,445	1,325	322.0
Metro Toronto	2,137,395	3,614	169.1
York	252,055	460	182.5

1) Census of Canada, Statistics Canada

2) Registered nursing assistants employed as at December 31, 1981

Source: College of Nurses of Ontario

Table 5.7

Dentists Licensed to Practice, Ontario, 1950-1981[1]

	Number[2]	Population per Dentist
1950	2,103	2,161
1951	2,154	2,186
1952	2,218	2,199
1953	2,220	2,271
1954	2,231	2,332
1955	2,270	2,356
1956	2,297	2,412
1957	2,370	2,424
1958	2,476	2,386
1959	2,477	2,443
1960	2,513	2,461
1961	2,522	2,499
1962	2,552	2,518
1963	2,599	2,527
1964	2,623	2,563
1965	2,687	2,563
1966	2,732	2,589
1967	2,810	2,577
1968	2,929	2,523
1969	3,013	2,508
1970	3,227	2,340
1971	3,211	2,399
1972	3,461	2,264
1973	3,573	2,222
1974	3,625	2,233
1975	3,902	2,108
1976	4,085	2,023
1977	4,085	2,046
1978	4,151	2,034
1979	4,186	2,031
1980	4,325	1,987
1981	4,471	1,929

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1) Figures as of December 31. Data for 1950 to 1969 were obtained from Canadian Dental Association. Data for 1970 to 1979 were obtained from the Royal College of Dental Surgeons of Ontario.

2) The total number of licensed dentists has been assumed as resident in Ontario.

Source: Royal College of Dental Surgeons of Ontario

Table 5.8

Dentists, by County, Ontario, 1980-1981

1980	Population[1]	Dentists[2]	Population Ratio
Ontario	8,570,400	4,325	1,982
Algoma	130,158	52	2,503
Brant	102,441	40	2,561
Bruce	58,864	31	1,899
Cochrane	94,526	19	4,975
Dufferin	30,497	13	2,346
R.M. of Durham	276,824	126	2,197
Elgin	69,465	21	3,308
Essex	316,778	143	2,215
Frontenac	115,452	58	1,991
Grey	73,066	30	2,436
Haldimand-Norfolk	91,369	24	3,807
Haliburton	11,148	2	5,574
Halton	248,011	122	2,033
Hastings	106,045	45	2,357
Huron	56,054	16	3,503
Kenora	58,004	22	2,637
Kent	106,636	40	2,666
Lambton	124,298	49	2,537
Lanark	45,290	18	2,516
Leeds & Grenville	81,133	28	2,898
Lennox & Addington	32,580	5	6,516
Manitoulin	11,105	4	2,776
Middlesex	325,624	209	1,558
Muskoka	38,189	15	2,546
R.M. of Niagara	367,665	174	2,113
Nipissing	80,362	30	2,679
Northumberland	64,937	19	3,418
Ottawa-Carleton	548,096	316	1,734
Oxford	84,631	38	2,227
Parry Sound	33,526	12	2,794
Peel	460,791	207	2,226
Perth	65,926	25	2,637
Peterborough	102,409	50	2,048
Prescott & Russell	52,453	19	2,761
Prince Edward	22,130	6	3,688
Rainy River	23,171	6	3,862
Renfrew	86,661	31	2,796
Simcoe	221,776	90	2,464
Stormont, Dundas & Glengarry	101,593	22	4,618
Sudbury	185,321	65	2,851
Thunder Bay	151,802	71	2,138
Timiskaming	41,105	24	1,713
Victoria	47,533	3	15,844
Waterloo	306,776	151	2,032
Wellington	131,013	59	2,221
Hamilton-Wentworth	411,545	211	1,950
Metro Toronto	2,136,493	1,470	1,453
York	239,118	94	2,544

Table 5.8 (cont'd)
Dentists, by County, Ontario, 1980-1981

1981	Population[3]	Dentists[2]	Population Ratio
Ontario	8,625,105	4,471	1,929
Algoma	133,555	62	2,154
Brant	104,430	42	2,486
Bruce	60,020	29	2,070
Cochrane	96,875	29	3,341
Dufferin	31,145	11	2,831
R.M. of Durham	283,640	128	2,216
Elgin	69,705	22	3,168
Essex	312,480	145	2,155
Frontenac	108,130	62	1,744
Grey	73,825	29	2,546
Haldimand-Norfolk	89,455	26	3,441
Haliburton	11,365	2	5,682
Halton	253,885	126	2,014
Hastings	106,880	48	2,226
Huron	56,125	18	3,118
Kenora	59,420	20	2,971
Kent	107,020	41	2,610
Lambton	123,445	52	2,374
Lanark	45,675	17	2,687
Leeds & Grenville	80,945	30	2,698
Lennox & Addington	33,040	7	4,720
Manitoulin	11,000	3	3,667
Middlesex	318,185	219	1,453
Muskoka	38,370	16	2,398
R.M. of Niagara	368,285	179	2,057
Nipissing	80,265	31	2,589
Northumberland	64,970	20	3,248
Ottawa-Carleton	546,845	317	1,725
Oxford	85,920	38	2,261
Parry Sound	33,525	12	2,793
Peel	490,735	216	2,272
Perth	66,095	25	2,644
Peterborough	102,455	47	2,180
Prescott & Russell	52,775	18	2,932
Prince Edward	22,335	7	3,191
Rainy River	22,800	7	3,257
Renfrew	87,485	31	2,822
Simcoe	225,070	95	2,369
Stormont, Dundas & Glengarry	101,125	23	4,397
Sudbury	186,850	70	2,669
Thunder Bay	153,995	75	2,053
Timiskaming	41,290	16	2,581
Victoria	47,855	3	15,952
Waterloo	305,495	151	2,023
Wellington	129,430	63	2,054
Hamilton-Wentworth	411,445	206	1,997
Metro Toronto	2,137,395	1,532	1,395
York	252,055	105	2,400

1) Population estimates June 1980 (Treasury & Economics)
2) Royal College of Dental Surgeons of Ontario Statistical Report
3) Census of Canada, Statistics Canada

Source: Royal College of Dental Surgeons of Ontario

Table 5.9

Expenditures on Health. Canada and Ontario. 1970-1979

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada			$ million			
1970'	6.255 9	2.798.0	1.040.7	265.0	368 7	1.783 5
1971'	7.122 3	3.134 2	1.250.4	311 5	402 5	2.023.7
1972'	7.790 2	3.438 3	1.386 2	350 6	421.1	2.194.0
1973'	8.720 3	3.868 2	1.483 4	419 1	466 9	2.482 7
1974'	10.247 5	4.663.7	1.659 7	483 9	498 0	2.942 2
1975'	12.340.3	5.766.7	1.914.1	596 6	578 7	3.484.2
1976'	14.089 9	1.529.4	2.103 2	699 8	660 2	4.095 3
1978'	15.395 2	6.797 3	2.309 0	827 6	736 8	4.724 5
1979'	18.836.4	8.048 0	2.822 6	1.090 4	892.1	5.983 3
Ontario			$ thousand			
1970'	2.438.334	1.030.905	448.580	123.153	137.362	698.334
1971'	2.772.788	1.181.926	510.559	147.405	147.456	785.442
1972'	3.050.963	1.313.413	550.382	160.663	157.060	869.445
1973'	3.350.420	1.447.937	579.615	195.442	172.192	955.234
1974'	3.872.348	1.731.608	650.620	212.114	190.756	1.087.250
1975'	4.610.632	2.115.095	752.196	253.830	240.551	1.248.960
1976'	5.244.360	2.365.472	811.836	294.377	286.528	1.486.147
1977'	5.758.899	2.402.869	890.118	349.526	314.857	1.801.529
1979'	6.971.898	2.804.967	1.109.200	447.850	388.533	2.221.348

Source Health and Welfare Canada Health Information Division

Table 5.10

Expenditures per Person on Health, Canada and Ontario, 1970-1979

	Total	Hospital Care	Physicians' Services	Dentists' Services	Prescribed Drugs	Other Health Expense
Canada			Dollars			
1970'	293.38	131.21	48.81	12.43	17.29	83.64
1971'	329.86	145.16	57.91	14.43	18.64	93.72
1972'	356.99	157.56	63.52	16.07	19.30	100.54
1973'	395.08	175.25	67.21	18.99	21.15	112.48
1974'	457.57	208.25	74.11	21.61	22.24	131.36
1975'	542.98	253.74	84.22	26.25	25.46	153.31
1976'	611.85	283.58	91.34	30.39	28.67	177.87
1977'	661.30	291.97	99.18	35.55	202.95	
1978'	719.46	308.95	107.93	40.61	34.55	227.42
1979'	794.74	339.56	119.09	46.00	37.64	252.45
Ontario						
1970'	322.28	136.26	59.29	16.28	18.16	92.29
1971'	359.40	153.20	66.18	19.11	19.11	101.80
1972'	390.10	167.93	70.37	20.54	20.08	111.18
1973'	422.70	182.67	73.13	24.66	21.72	120.52
1974'	480.17	214.72	80.68	26.30	23.65	134.82
1975'	563.52	258.51	91.93	31.02	29.40	152.66
1976'	633.58	285.78	98.08	35.56	34.62	179.54
1977'	688.49	287.27	106.42	41.79	37.64	215.37
1978'	746.48	300.64	116.16	46.72	42.47	240.49
1979'	819.25	329.60	130.34	52.63	45.66	261.02

Source: Health and Welfare Canada, Health Information Division

Table 5.11

Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1979-1981

	1979				1980				1981			
	Canada		Ontario		Canada		Ontario		Canada		Ontario	
Type and size of hospital	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds
All hospitals	1,313	185,787	307	60,597	1,292	185,278	289	59,923	1,288	186,160	284	59,611
Public	1,099	177,732	250	58,791	1,089	177,413	246	58,323	1,091	178,735	246	58,029
General and allied special	1,054	163,800	232	53,055	1,046	163,542	228	52,619	1,054	165,619	229	52,477
General	863	125,996	199	45,728	862	126,519	197	45,449	861	127,348	197	44,630
1 - 24 beds	215	3,293	14	241	215	3,302	14	241	212	3,285	14	243
25 - 49 beds	187	6,520	32	1,217	185	6,448	31	1,176	183	6,402	31	1,171
50 - 99 beds	138	9,719	36	2,643	136	9,519	36	2,659	138	9,664	37	2,734
100 - 199 beds	121	16,508	35	4,722	122	16,547	35	4,763	122	16,618	35	4,795
200 + beds	202	89,956	82	36,905	204	90,703	81	36,610	206	91,379	80	35,687
Allied special	191	37,804	33	7,327	184	37,023	31	7,170	193	38,271	32	7,847
Paediatric	8	2,861	2	1,088	8	2,919	2	1,088	8	2,919	2	1,088
Rehabilitation (including convalescent)	20	2,361	6	631	16	1,601	6	631	22	2,532	6	631
Extended care (including chronic)[3]	129	30,251	23	5,205	130	30,539	21	5,048	127	30,063	22	5,725
Other[4]	34	2,331	2	403	30	1,969	2	403	36	2,757	2	403
Hospitals for psychiatric disorders	45	13,932	18	5,736	43	13,871	18	5,704	37	13,116	17	5,552
Alcoholic[1]	3	193	2	129	3	193	2	129	3	193	2	129
Mental	30	11,608	12	5,100	30	11,774	12	5,100	26	11,916	11	4,948
Psychiatric	8	1,090	4	507	8	1,058	4	475	8	1,007	4	475
Other[5]	4	1,041	-	-	2	846	-	-	-	-	-	-

Table 5.11 (cont'd.)

Number of Operating Hospitals and Their Bed Capacities, by Type of Hospital, Canada and Ontario, 1979-1981

	1979				1980				1981			
	Canada		Ontario		Canada		Ontario		Canada		Ontario	
Type and size of hospital	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds	Number	Beds
Proprietary	79	3,680	39	1,102	68	3,776	25	914	63	3,759	20	897
General and allied special	76	3,338	36	760	65	3,434	22	572	60	3,417	17	555
General	4	86	2	70	6	300	2	70	6	300	2	70
Allied Special	72	3,252	34	690	59	3,134	20	502	54	3,117	15	485
Rehabilitation and extended care (including conv. & chronic)[2] [3]	68	3,122	31	591	55	3,014	17	403	50	2,997	12	386
Other	4	130	3	99	4	120	3	99	4	120	3	99
Hospital for psychiatric disorders	3	342	3	342	3	342	3	342	3	342	3	342
Alcoholic	–	–	–	–	–	–	–	–	–	–	–	–
Mental	–	–	–	–	–	–	–	–	–	–	–	–
Psychiatric	3	342	3	342	3	342	3	342	3	342	3	342
Other[5]	–	–	–	–	–	–	–	–	–	–	–	–
Federal	135	4,375	18	704	135	4,089	18	686	134	3,666	18	685
General and allied special	135	4,375	18	704	132	3,735	17	600	131	3,328	17	600
General	19	2,359	3	477	17	1,938	3	473	16	1,531	3	473
Allied Special	116	2,016	15	227	115	1,797	14	127	115	1,797	14	127
Rehabilitation and extended care (including conv. & chronic)[3]	1	1,130	–	–	1	1,130	–	–	1	1,130	–	–
Other	115	886	15	227	114	667	14	127	114	667	14	127
Hospitals for psychiatric	...	...	...	...	3	354	1	86	3	338	1	85
Psychiatric	...	...	...	...	3	354	1	86	3	338	1	85

1) Includes the Alcoholism and Drug Addiction Research Foundation (The Clinical Institute, Toronto) and the Donwood Institute, Toronto
2) Includes 21 contract nursing homes in Ontario with 202 beds in 1978, includes 5 contract nursing homes in Ontario with 17 beds in 1980
3) The former Tuberculosis Sanatoria in Ontario are presently included under Extended Care
4) Includes Maternity, Orthopedic, Neurological, Cancer, Outpost hospitals, etc
5) Includes Emotionally Disturbed Children, Epilepsy and mental other

Source: SC *List of Canadian Hospitals and Special Care Facilities (83-201)*

Table 5.12

Selected Summary Data of Reporting Hospitals for Adults and Children, Canada and Ontario, 1966 to 1980-81.

	Separations[2]		Patient-days[2]		Paid hours[3] per patient-day		Total operating expense per patient-day	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
								$
Public, general[4] and allied special hospitals								
1966	3,041,970	1,021,838	35,905,717	13,133,509	13.4	13.3	36.06	35.69
1967	3,086,166	1,043,269	36,806,871	13,422,942	13.9	13.6	40.38	40.41
1968	3,206,417	1,086,416	38,312,318	13,825,167	14.0	14.0	45.01	46.95
1969	3,285,094	1,152,779	38,955,666	14,236,837	13.3	13.3	50.69	52.50
1970	3,427,673	1,238,356	40,042,058	14,650,622	13.3	13.3	56.24	58.23
1971	3,556,582	1,285,855	40,908,429	14,767,512	13.3	13.6	61.58	64.99
1972	3,596,712	1,323,987	40,643,101	14,703,477	13.5	13.9	68.52	72.17
1973	3,657,620	1,350,823	40,757,455	14,370,230	13.7	14.3	77.09	81.49
1974	3,703,264	1,387,965	41,758,504	14,642,954	13.9	14.1	93.23	97.36
1975	3,701,473	1,413,307	42,844,899	14,696,385	14.2	14.3	106.48	114.51
1976	3,652,005	1,406,023	44,993,274	14,414,625	13.6	14.1	126.07	137.42
1977-78[5]	3,620,411	1,319,110	46,179,370	14,619,784	13.6	14.1	133.90	148.43
1978-79	3,610,977	1,306,106	48,086,011	14,680,771	13.7	14.3	146.66	161.07
1979-80[p]	3,503,770	1,288,317	45,166,403	14,472,490	14.0	14.3	162.79	174.87
1980-81[p]	3,562,183	1,269,959	47,739,237	14,636,351	13.9	14.3	185.27	195.91
Public mental hospitals								
1966	54,645	17,840	23,535,843	7,833,261	. .	. .	10.08	10.79
1967	57,076	21,114	22,494,813	7,656,147	. .	. .	12.23	13.60
1968	60,279	24,547	21,523,497	7,127,566	. .	. .	13.84	17.24
1969	57,981	22,724	21,164,148	6,606,444	. .	. .	16.79	20.67
1970	59,927	23,170	20,112,599	6,268,236	. .	. .	19.74	24.58
1971	51,241	22,740	19,253,011	5,890,050	. .	. .	22.52	30.15
1972	58,486	22,903	18,022,755	5,688,407	. .	. .	26.22	35.03
1973	59,840	24,742	17,118,841	5,257,787	. .	. .	30.76	42.03
1974	58,169	25,261	15,547,115	4,950,612	. .	. .	38.38	57.53
1975	58,009	25,438	14,761,013	4,644,165	. .	. .	45.81	63.21
1976	. .	. .	11,046,132	4,736,579	. .		60.47	74.80
1977	. .	. .	5,054,441	2,164,160	. .		86.10	110.67
1978-79	. .	.	4,162,285	1,599,198		. .	96.54	122.78
1979-80			3,817,791	1,544,776			97.82	126.55

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1) 1965-1975 data are final. Children's hospitals included in general hospitals in 1967 to 1968, excluded from this group from 1969 to 1973.
2) 1965-1972 figures for separations and patient-days are from reporting hospitals.
3) Excludes student classroom hours and medical staff.
4) Pediatric hospitals were included in general hospitals in 1966 to 1968.
5) Reporting changed to fiscal year basis from calendar year.

Source: SC, *Hospital Statistics*.

Table 5.13

Hospital Separations, Days of Hospitalization, Hospital Separation Rates and Average Days per Stay, by Sex, Canada and Ontario, Selected Years, 1968-1978

	Canada			Ontario		
	Male	Female	Total	Male	Female	Total
Separations						
1968	1 349.120	1.906.045	3.255.165	440.256	641.077	1.081.333
1969	1.372.419	1.936.228	3.308.647	469.614	675.106	1.144.720
1970	1.425.126	2.024.197	3.449.323	500.893	724.976	1.225.869
1971	1 471.637	2.097.250	3.568.887	512.252	751.489	1.263.741
1972	1.510.142	2.124.564	3.634.706	546.302	787.852	1.334.154
1973	1.541.695	2.151.857	3.693 552	561.455	796.397	1.357.852
1974	1.552.728	2.162.204	3.714.932	573.249	811.011	1.384.260
1975	1.529.469	2.147.811	3 677 280	574.382	815.460	1.389.842
1976	1,512,207	2,110,933	3,623,140	573,355	801,361	1,374,716
1977	1,496,038	2,090,195	3.586.233	541.335	760.833	1.302.168
1978	1.491.640	2.086.708	3.578.348	537,280	756.623	1,293,903
Separation Rate per 100,000						
1968	12,992	18,476	15,756	12,063	17,534	14,801
1969	13,023	18,475	15,710	12,618	18,098	15,361
1970	13,335	19,011	16,168	13,140	18,954	16,052
1971	13,673	19,503	16,587	13,337	19,458	16,406
1972	13,862	19,476	16,671	14,015	20,018	17,031
1973	13,991	19,503	16,717	14,200	19,985	17,104
1974	13,874	19,286	16,582	14,216	19,969	17,103
1975	13,467	18,856	16,165	14,026	19,742	16,896
1976	13,230	18,314	15,783	13,995	19,228	16,634
1977	12,952	17,915	15,446	13,085	18,038	15,585
1978	12,802	17,701	15,266	12,863	17,728	15,322
Days Stay						
1968	16,622,512	20,792,830	37,415,342	5,334,184	7,074,975	12,409,159
1969	17,340,777	21,980,205	39,320,982	6,253,369	8,560,170	14,813,539
1970	17,714,406	22,642,613	40,357,019	6,391,488	8,638,221	15,029,709
1971	18,148,232	23,080,081	41,228,313	6,360,263	8,704,727	15,064,990
1972	18,555,261	23,471,970	42,027,231	6,564,242	8,753,646	15,317,888
1973	18,432,754	23,157,476	41,590,230	6,479,456	8,566,863	15,046,319
1974	18,442,744	23,398,745	41,841,489	6,449,433	8,679,990	15,129,423
1975	17,964,804	22,959,707	40,924,511	6,189,577	8,371,230	14,560,807
1976	17,400,375	22,218,925	39,619,300	6,071,816	8,195,487	14,267,303
1977	17,536,449	22,457,195	39,993,644	6,087,005	8,209,281	14,296,286
1978	17,502,168	22,654,465	40,156,633	6,016,582	8,106,849	14,123,431
Average Days per Separation						
1968	12.3	10.9	11.5	12.1	11.0	11.5
1969	12.6	11.4	11.9	13.3	12.7	12.9
1970	12.4	11.2	11.7	12.8	11.9	12.3
1971	12.3	11.0	11.6	12.4	11.6	11.9
1972	12.3	11.0	11.6	12.0	11.0	11.5
1973	12.0	10.8	11.3	11.5	10.8	11.1
1974	11.9	10.8	11.3	11.3	10.7	10.9
1975	11.7	10.7	11.1	10.8	10.3	10.5
1976	11.5	10.5	10.9	10.6	10.2	10.4
1977	11.7	10.7	11.2	11.2	10.8	11.0
1978	11.7	10.9	11.2	11.2	10.7	10.9

Source: SC, Hospital Morbidity Section, Health Division

Table 5.14

Reported Cases of Notifiable Diseases, Canada and Ontario, 1979-1981

	1979		1980		1981^p	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Anthrax	–	–	–	–	–	–
Botulism	–	–	2	–	4	–
Chancroid	8	2	2	1	4	–
Cholera	–	–	3	–	–	–
Diptheria	84	1	63	–	8	1
Food Poisoning	918	682	485	179	278	73
Gonococcal Infections	51,833	16,657	52,958	16,053	56,113	17,201
Hepatitis-A	1,677	370	1,343	331	1,050	256
-B	1,021	670	1,092	697	1,035	612
Lassa Fever	–	–	–	–	–	–
Leprosy	11	6	25	16	16	9
Measles	22,444	7,483	13,347	8,229	2,293	849
Meningitis Encephalitis						
Bacterial	412	186	413	157	423	154
Viral	687	298	238	93	277	129
Meningococcal Infections	311	108	258	85	202	70
Paratyphoid	51	15	34	20	46	28
Pertussis	2,227	1,269	2,812	1,648	2,566	1,435
Plague	–	–	–	–	–	–
Poliomyelitis	3	2	–	–	–	–
Rabies	–	–	–	–	–	–
Rubella	8,201	1,818	3,093	1,175	1,637	494
Congenital Rubella	29	22	15	8	–	–
Salmonellosis	7,420	2,859	8,515	3,834	7,734	3,620
Shigellosis	1,398	339	2,328	331	2,433	300
Smallpox	–	–	–	–	–	–
Syphilis	2,963	1,650	3,000	1,759	3,036	1,477
Trichinosis	46	7	12	–	10	–
Tuberculosis	2,533	765	2,636	777	2,438	851
Typhoid	108	49	80	42	81	33
Viral Haemorrhagic Fever	–	–	–	–	–	–
Yellow Fever	–	–	–	–	–	–

Source: SC, Notifiable Diseases Summary

Table 5.15

Notifiable Diseases and Rates, Ontario, 1979-1981

Diseases	Reported Cases			Population Rate per 100,000			Mean Rate Per 100,000 Population	
	1979	1980	1981	1979	1980	1981	1976-1980	1971-1980
Amoebiasis	707	929	878	8.3	10.8	10.3	9.5	7.3
Anthrax	–	–	–	0.0	0.0	0.0	0.0	0.0
Brucellosis	4	–	4	--	0.0	--	--	--
Chickenpox	20,803	11,738	13,652	244.7	137.0	159.6	180.9	173.0
Diphtheria	1	–	2	--	0.0	--	--	--
Gastroenteritis	351	314	313	4.1	3.7	3.7	1.8	0.9
Giardiasis	2,576	3,147	2,706	30.3	36.7	31.6	17.7	9.1
Guillain Barré Syndrome	3	8	7	--	0.1	--	--	--
Influenza	13,120	17,545	29,651	154.4	204.7	346.7	129.7	106.4
Legionnaires' Disease	34	3	9	0.4	--	0.1	0.1	--
Leprosy (Hansen's Disease)	6	16	9	0.1	0.2	0.1	0.1	0.1
Malaria	95	253	172	1.1	3.0	2.0	1.2	0.7
Measles	7,483	8,253	849	88.0	96.3	9.9	57.8	49.4
Meningitis (Aseptic)	34	27	26	0.4	0.3	0.3	0.2	0.1
Meningitis (Mycotic)	7	1	1	0.1	--	--	--	--
Meningococcal Meningitis	108	94	70	1.3	1.1	0.8	1.1	1.2
Meningo-encephalitis	298	93	129	3.5	1.1	1.5	1.2	0.6
Mumps	5,352	1,706	499	63.0	19.9	5.8	47.8	66.8
Opthalmia Neonatorum	1	–	–	--	0.0	0.0	--	--
Paratyphoid Fever	15	21	28	0.2	0.2	0.3	0.2	0.2
Pertussis	1,269	1,648	1,435	14.9	19.2	16.8	18.2	14.3
Poliomyelitis	2	–	–	--	0.0	0.0	--	--
Psittacosis	1	4	2	--	--	--	--	--
Rabies	–	–	–	0.0	0.0	0.0	0.0	0.0
Reye's Disease	6	24	5	0.1	0.3	--	--	--
Rocky Mountain Spotted Fever	–	–	–	0.0	0.0	0.0	--	--
Rubella	1,818	1,175	494	21.4	13.7	5.8	17.2	19.7
Salmonellosis	2,859	3,834	3,620	33.6	44.7	42.3	30.4	22.8
Shigellosis	339	331	300	4.0	3.9	3.5	3.6	4.0
Tetanus	1	2	2	--	--	--	--	--
Toxoplasmosis	38	45	16	0.4	0.5	0.2	0.6	0.3
Trichinosis	7	–	–	0.1	0.0	0.0	--	--
Turalaemia	–	2	7	0.0	--	--	--	--
Typhoid Fever	49	45	33	0.6	0.5	0.4	0.5	0.6
Viral Hepatitis-A	370	331	256	4.4	3.9	3.0	5.6	10.4
B	670	697	612	7.9	8.1	7.2	5.6	4.0
C	29	19	16	0.3	0.2	0.2	0.1	--
Unspecified	71	30	35	0.8	0.4	0.4	0.9	1.1
Yersiniosis	107	147	147	1.3	1.7	1.7	0.6	0.3

Source: Ontario Ministry of Health, Public Health Branch, Disease Control and Epidemiology Service

Table 5.16

Death from Cancer and Heart Disease by Sex, Canada and Ontario, 1971-1980

	Cancer		Heart Disease	
	Canada	Ontario	Canada	Ontario
1971				
Total	31,036	10,952	54,965	21,280
Male	17,398	6,051	33,147	12,484
Female	13,638	4,901	21,818	8,796
1972				
Total	32,265	11,679	56,228	21,754
Male	17,886	6,308	33,858	12,753
Female	14,379	5,371	22,370	9,001
1973				
Total	33,069	11,951	56,656	22,049
Male	18,393	6,521	33,774	12,756
Female	14,676	5,430	22,882	9,293
1974				
Total	33,751	12,218	58,191	22,417
Male	18,655	6,568	34,590	12,972
Female	15,096	5,650	23,601	9,445
1975				
Total	34,019	12,362	56,970	22,052
Male	19,057	6,755	33,907	12,744
Female	14,962	5,607	23,063	9,308
1976				
Total	34,832	12,657	58,010	22,246
Male	19,529	6,980	34,576	12,896
Female	15,303	5,677	23,434	9,350
1977				
Total	36,419	13,342	58,324^{r}	22,771^{r}
Male	20,378	7,285	34,641^{r}	13,184^{r}
Female	16,041	6,057	23,683^{r}	9,587^{r}
1978				
Total	37,498	13,704	57,577	22,147
Male	21,008	7,494	33,720	12,605
Female	16,490	6,210	23,857	9,542
1979				
Total	38,971	14,170	57,834	22,243
Male	21,689	7,656	33,758	12,608
Female	17,282	6,514	24,076	9,635
1980				
Total	39,996	14,451	59,175	22,829
Male	22,392	7,850	34,089	12,823
Female	17,604	6,601	25,086	10,006

Source: SC, *Vital Statistics*, (84-203)

Table 5.17

Deaths from all Forms of Tuberculosis and Rates, Canada and Ontario, 1950-1980

Year	Number		Rate per 100,000 Population	
	Canada	Ontario	Canada	Ontario
1950	3,679	585	26.8	13.1
1951	3,481	579	24.8	12.6
1952	2,538	398	17.6	8.3
1953	1,861	311	12.5	6.3
1954	1,593	307	10.4	6.0
1955	1,403	242	8.9	4.6
1956	1,256	221	7.8	4.1
1957	1,183	221	7.1	3.9
1958	1,027	186	6.0	3.2
1959	959	166	5.5	2.8
1960	823	157	4.6	2.6
1961	769	137	4.2	2.2
1962	785	164	4.2	2.6
1963	756	153	4.0	2.5
1964	670	146	3.5	2.2
1965	697	148	3.6	2.2
1966	669	132	3.3	1.9
1967	658	144	3.2	2.0
1968	630	129	3.0	1.8
1969	526	96	2.5	1.3
1970	527	102	2.5	1.3
1971	447	85	2.1	1.1
1972	453	84	2.1	1.1
1973	408	86	1.8	1.1
1974	330	78	1.5	1.0
1975	278	68	1.2	0.8
1976	264	63	1.1	0.8
1977	260	55	1.1	0.7
1978	220	54	0.9	0.6
1979	203	52	0.9	0.6
1980	144	28	0.6	0.3

Source: SC, *Tuberculosis Statistics, Vol. I, Tuberculosis Morbidity and Mortality.*

Table 5.18
Notified Cases of Active Tuberculosis, by County, Ontario, 1980

	Total Cases	Notified		Percent Notified 1976-1980
		Number	Percent	
Ontario				
Algoma	21	18	85.7	80.4
Brant	5	4	80.0	43.6
Bruce	3	3	100.0	81.0
Cochrane	17	10	58.8	65.8
Dufferin	2	2	100.0	75.0
Dundas	2	2	100.0	80.0
Durham	7	6	85.7	93.0
Elgin	4	4	100.0	69.2
Essex	20	18	90.0	90.7
Frontenac	5	5	100.0	81.8
Glengarry	1	1	100.0	87.5
Grenville	–	–	–	100.0
Grey	4	3	75.0	83.3
Haldimand-Norfolk	4	3	75.0	77.8
Haliburton	1	–	–	66.7
Halton	12	11	91.7	74.1
Hamilton-Wentworth	35	32	91.4	77.6
Hastings	4	3	75.0	78.8
Huron	1	1	100.0	62.5
Kenora[1]	19	14	73.7	67.6
Kent	4	4	100.0	83.9
Lambton	10	9	90.0	80.4
Lanark	3	2	66.7	37.5
Leeds	–	–	–	77.8
Lennox & Addington	2	–	–	57.1
Manitoulin	2	–	–	71.4
Middlesex	15	12	80.0	83.7
Muskoka	1	1	100.0	83.3
Niagara	35	25	71.4	70.7
Nipissing	6	2	33.3	22.2
Northumberland	1	–	–	54.5
Ottawa-Carleton	36	33	91.7	93.7
Oxford	4	3	75.0	60.9
Parry Sound	2	2	100.0	83.3
Peel	32	28	87.5	81.8
Perth	2	2	100.0	83.3
Peterborough	3	3	100.0	84.2
Prescott	2	2	100.0	76.5
Prince Edward	–	–	–	100.0
Rainy River	4	4	100.0	100.0
Renfrew	4	3	75.0	66.7
Russell	1	1	100.0	77.8
Simcoe	11	8	72.7	63.4
Stormont	2	2	100.0	78.9
Sudbury	8	5	62.5	80.6
Thunder Bay	15	14	93.3	72.3
Timiskaming	5	5	100.0	93.1
Victoria	4	3	75.0	55.6
Waterloo	16	14	87.5	80.6
Wellington	7	5	71.4	72.4
Metro Toronto	351	302	86.0	89.3
York (Excl. Metro Toronto)	8	5	62.5	63.3

[1] Kenora includes the County of Kenora and District of Patricia

Source: Ministry of Health, *Tuberculosis in Ontario*

Table 5.19

Tuberculosis by Site and Type of Disease Among Canadian-born, Registered Indians and Foreign-born, Ontario 1980

	Canadian-born (excluding Indians)		Canadian Indians		Foreign-born		Total[1]	
	No.	%	No	%	No	%	No.	%
Respiratory	225	30.2	31	4.2	489	65.6	745	100.0
Post-Primary	188	28.9	23	3.5	439	67.5	650	100.0
Far Advanced	40	53.3	5	6.7	30	40.0	75	100.0
Moderately Advanced	64	27.1	14	5.9	158	66.9	236	100.0
Minimal & Extent Unspecified	84	24.8	4	1.2	251	74.0	339	100.0
Primary	16	47.1	2	5.9	16	47.1	34	100.0
Miliary	3	33.3	1	11.1	5	55.6	9	100.0
Pleurisy	14	35.9	4	10.3	21	53.8	39	100.0
Other Respiratory	4	30.8	1	7.7	8	61.5	13	100.0
Non-Respiratory	38	18.8	6	3.0	158	78.2	202	100.0
Genito-Urinary	12	20.0	1	1.7	47	78.3	60	100.0
Lymph Gland	14	16.9	2	2.4	67	80.7	83	100.0
Bone and Joint	4	17.4	2	8.7	17	73.9	23	100.0
Central Nervous System	1	11.1	–	0.0	8	88.9	9	100.0
Alimentary	1	10.0	–	0.0	9	90.0	10	100.0
Skin	2	33.3	–	0.0	4	66.7	6	100.0
Other Organs	4	36.4	1	9.1	6	54.5	11	100.0
All Cases	263	27.8	37	3.9	647	68.3	947	100.0

1) Excludes cases in which country of births are not known

Source Ministry of Health *Tuberculosis in Ontario*

Table 5.20

Deaths Attributed to Tuberculosis, Ontario, 1980

	Males			Females			Total		
Age Group	Number	Population[1]	Rate per 100,000	Number	Population[1]	Rate per 100,000	Number	Population[1]	Rate per 100,000
0-9	–	625,042	–	–	594,871	–	–	1,219,913	–
10-24	–	1,173,719	–	–	1,126,821	–	–	2,300,540	–
25-34	–	715,484	–	–	727,335	–	–	1,442,819	–
35-44	1	529,321	0.2	–	520,717	–	1	1,050,038	0.1
45-54	2	471,641	0.4	1	465,061	0.2	3	936,702	0.3
55-64	3	373,295	0.8	1	406,093	0.3	4	779,388	0.5
65-69	4	138,045	2.9	1	158,510	0.6	5	296,555	1.7
70+	13	214,524	6.1	6	329,921	1.8	19	544,445	3.5
Total	23	4,241,071	0.6	9	4,329,329	0.2	32	8,570,400	0.4

1) Population estimates for 1980 provided by Ontario Ministry of Treasury and Economics

Source Ministry of Health *Tuberculosis in Ontario*

Table 5.21

Number of Special Care Facilities[1] and Maximum Beds, by Type of Ownership, Canada and Ontario, 1979, 1980 and 1981-82

	1979		1980		1981-82	
Type of ownership	Number	Beds	Number	Beds	Number	Beds
Canada						
Proprietary	2,362	76,397	2,388	76,578	2,519	79,424
Religious	283	17,138	298	17,596	314	18,728
Lay	986	34,138	1,061	35,251	1,269	37,167
Municipal	379	34,232	376	34,673	391	35,202
Provincial	221	19,135	231	19,424	223	20,031
Public undistributed	336	24,765	357	26,679	425	31,474
Federal	3	369	2	219	2	219
Total	4,570	206,174	4,713	210,420	5,143	222,245
Ontario						
Proprietary	996	38,508	1,133	40,685	1,087	40,345
Religious	95	6,289	95	6,289	108	6,599
Lay	348	12,797	431	14,332	555	15,226
Municipal	101	18,869	101	18,869	103	18,827
Provincial	35	5,857	43	6,178	41	6,058
Public undistributed	–	–	–	–	–	–
Federal	1	140	1	140	1	140
Total	1,576	82,460	1,804	86,493	1,895	87,195

1) Residential Special Care Facilities are included which maintain four or more beds for residents other than members of staff and which provide care to at least one resident

Source SC *List of Canadian Hospitals and Special Care Facilities* (83-201)

Table 5.22

Number of Special Care Facilities[1] and Maximum Beds, by Principal Characteristics, Canada and Ontario, 1979, 1980 and 1981-82.

Principal Characteristic	1979		1980		1981-82	
	Number	Beds	Number	Beds	Number	Beds
Canada						
Aged persons	2,048	127,257	2,017	129,546	2,209	140,259
Physical handicap	206	12,490	190	11,866	184	9,856
Retarded	370	18,704	383	18,735	602	19,401
Mental handicap	868	23,834	842	23,507	798	24,215
Emotionally disturbed children	599	11,730	690	12,668	679	12,335
Alcohol/Drug	148	4,190	148	4,119	226	5,702
Delinquent	116	2,856	107	2,688	90	2,244
Unmarried mothers	27	606	30	662	30	655
Transient	45	1,387	59	2,264	63	3,202
Other	143	3,120	247	4,365	262	4,376
Total	4,570	206,174	4,713	210,420	5,143	222,245
Ontario						
Aged persons	549	50,326	560	51,257	538	51,187
Physical handicap	99	6,935	98	6,954	100	6,417
Retarded	151	10,004	151	10,004	286	11,214
Mental handicap	321	7,622	320	7,711	325	4,659
Emotionally disturbed children	305	4,578	398	5,355	333	4,608
Alcohol/Drug	31	814	31	814	89	1,823
Delinquent	46	840	46	840	38	648
Unmarried mothers	12	270	14	302	14	294
Transient	20	558	35	1,380	31	1,215
Other	42	513	151	1,876	141	2,130
Total	1,576	82,460	1,804	86,493	1,895	87,195

(1) Residential Special Care Facilities are included which maintain four or more beds for residents other than members of staff and which provide care to at least one resident.

Source: SC, *List of Canadian Hospitals and Special Care Facilities* (83-201).

Table 5.23

Patients on the Books and Admissions of Psychiatric Facilities[1] by Age Group, Ontario, 1962-1980-81[3]

	Age Group							
	0-14	15-24	25-34	35-44	45-54	55-64	65 +	Total[2]
Patients on the Books								
1962	3.077	3.424	2.920	3.640	3.491	3.207	3,690	23.449
1963	3.133	3.654	2.969	3.503	3.377	3.101	3.566	23.283
1964	3.116	3.918	2.936	3.557	3.405	3.042	3,610	23.584
1965	2.908	3.945	2.795	3.405	3.233	2.835	3.002	22.123
1966	2.768	4.172	2.760	3.077	2.998	2.591	2.799	21.165
1967	2.694	4.164	2.734	2.832	2.648	2.251	2.308	19.631
1968	2.429	3.975	2.377	2.287	2.289	1.946	1.966	17.269
1969	2.154	3.951	2.376	2.202	2.147	1.767	1.782	16.379
1970	1.942	3.949	2.355	1.987	2.033	1.612	1.558	15.436
1971	1.796	4.008	2.390	1.911	2.058	1.647	1.694	15.504
1972	1.569	3.877	2.494	1.864	2.023	1.617	1.622	15.066
1973	1.424	3.714	2.477	1.745	1.921	1.580	1.578	14.439
1974	146	720	932	922	1.181	1.047	1.213	6.161
1975	145	721	858	763	940	867	1.122	5.416
1976	132	697	914	713	809	764	1.001	5.030
1977-78[4]	25	711	933	637	690	680	932	4.608
1978-79	24	652	919	621	618	599	924	4,357
1979-80	27	664	906	620	583	624	906	4.330
1980-81	25	692	981	628	590	630	962	4.508
Admissions								
1962	1.165	1.497	2.086	2.254	1.584	1.042	1.654	11.282
1963	966	1.738	2.394	2.550	1.640	1.092	1.624	12.004
1964	977	1.911	2.374	2.565	1.735	1.134	1.585	12.281
1965	787	1.910	2.345	2.673	1.949	1.268	1.615	12.547
1966	958	2.284	2.694	3.139	2.224	1.404	1.782	14.485
1967	1.177	2.481	2.966	3.360	2.527	1.686	1.924	16.121
1968	1.339	2.875	3.268	3.520	2.796	1.786	1.915	17.499
1969	1.281	3.177	3.262	3.641	2.753	1.616	1.573	17.303
1970	1.299	3.425	3.221	3.436	2.685	1.535	1.370	16.971
1971	1.369	3.657	3.179	3.311	2.715	1.619	1.456	17.306
1972	1.286	3.572	3.352	3.283	2.902	1.609	1.298	17.302
1973	1.519	3.588	3.344	3.162	2.968	1.723	1.603	17.907
1974	479	3.349	3.343	3.017	2.707	1.462	1.372	15.729
1975	489	3.249	3.554	2.915	2.623	1.606	1.325	15.761
1976	403	2.916	3.244	2.431	2.293	1.379	1.244	13.910
1977-78[4]	370	3.305	3.934	2.859	2.599	1.608	1.374	16.049
1978-79	105	2,818	3,424	2,119	1,927	1,216	1,058	12.667
1979-80	99	2.849	3.690	2.327	1.838	1.257	1.045	13.105
1980-81	83	2.876	3.683	2.241	1.810	1.240	1.114	13.047

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1) Includes Psychiatric Hospitals and Facilities for the Retarded
2) Includes patients for whom the age was not stated
3) Figures do not include facilities for the retarded starting in 1974
4) 15 month period–Jan. 1, 1977 to March 31, 1978

Source: Ministry of Health, *Hospital Statistics, Mental Health Services*

Table 5.24

Mental and Psychiatric Hospital, Admission[1] Rates, Canada and Ontario 1970-1979-80

	Canada[1]	Ontario
	Rate per 100,000 Population	
1970	281	283
1971	239	291
1972	231	294
1973	227	295
1974	224	288
1975	218	278
1976	199	253
1977	184	236
1978	181	241
1979-80	166	245

[1] Includes first admissions, readmissions and transfers in

Source: SC, *Mental Health Section, Health Division*

Table 5.25

Mental and Psychiatric Hospitals, Reporting Facilities and Admissions[1], Canada and Ontario, 1970-1979-80

	Reporting Facilities		Admissions	
	Canada	Ontario	Canada	Ontario
	Number			
1970	62	23	59,855	21,354
1971	61	23	51,490	22,454
1972	60	23	50,446	23,015
1973	56	22	50,123	23,439
1974	57	22	50,346	23,346
1975	59	21	49,696	22,903
1976	58	20	45,697	20,909
1977	55	19	42,814	19,780
1978	55	19	42,467	20,335
1979/80[2]	46	16	39,276	20,815

[1] Admissions includes first admissions, readmissions and transfers in

[2] Newfoundland and Manitoba did not report for 1979/80

Source: SC, *Mental Health Section, Health Division*

Table 5.26

Average Daily Population of Mental Retardation Facilities[1] and Psychiatric Institutions[2], Ontario, 1950-1981

Year	Average Daily Population In Facilities and Institutions[3]	Average Daily Population On Books
1950	16,867	18,726
1951	17,333	19,239
1952	17,871	20,073
1953	18,439	20,631
1954	19,308	21,526
1955	19,899	22,284
1956	20,305	22,879
1957	21,025	23,900
1958	20,998	24,022
1959	21,360	24,907
1960	21,593	25,263
1961	21,369	25,432
1962	19,489	23,227
1963	19,321	22,869
1964	19,565	22,775
1965	18,719	21,887
1966	18,142	20,366
1967	17,722	20,846
1968	16,111	18,187
1969	15,128	16,787
1970	14,538	15,935
1971	14,112	15,597
1972	13,783	15,323
1973	13,741	15,093
1974	12,625[4]	13,816[5]
1975	11,859[4]	12,965[5]
1976	11,160[4]	12,128[5]
1977	10,520[4]	11,451[5]
1978	9,894[4]	10,797[5]
1979	9,431[4]	10,304[5]
1980	9,254[4]	10,195[5]
1981	9,218[4]	10,155[5]

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1) Since 1974 Mental Retardation facilities have been administered by the Ministry of Community and Social Services under the Developmental Services Act 1974

2) The Psychiatric Institutions are administered by the Ministry of Health which also administered Mental Retardation Facilities prior to 1974. Up to 1974 both types of service were administered under the Mental Health Act

3) Excludes patients in approved homes

4) The average daily population in Psychiatric Institutions, 1974 through 1981 was 5,899, 5,125, 4,581, 4,329, 4,009, 3,865, 3,831, 3,913 respectively

5) The average daily population on the books in the Psychiatric Institutions 1974 through 1981 was 6,567, 5,752, 4,569, 4,853, 4,513, 4,313, 4,347, 4,453 respectively

Source Ministry of Community and Social Services, Mental Retardation Facilities Division
Ministry of Health, *Hospital Statistics* and Ministry of Health, Psychiatric Hospitals Branch

Table 5.27

Patients on the Books of Psychiatric Hospitals by Diagnosis, Ontario, 1980-81

Diagnosis	In Hospital	In Approved Homes	On Leave of Absence	Total on Books		Rate per 100,000 Population
				Number	Per Cent	
With psychosis	2,725	87	267	3,079	68.4	35.9
Senile and presenile dementia	348	1	6	355	7.9	4.2
Alcoholic psychosis	90	–	3	93	2.1	1.1
Drug psychoses	23	1	2	26	0.6	0.3
Other organic psychoses	171	1	6	178	3.9	2.1
Schizophrenia	1,630	69	180	1,879	41.7	21.9
Affective psychoses	317	13	51	381	8.5	4.4
Paranoid states	63	1	8	72	1.6	0.8
Other non-organic psychoses	83	1	11	95	2.1	1.1
Without psychosis	1,254	19	149	1,422	31.6	16.6
Neurotic disorders	128	2	41	171	3.8	2.0
Personality disorders	309	8	50	367	8.1	4.3
Alcoholism	156	2	14	172	3.8	2.0
Drug dependence and abuse	20	–	7	27	0.6	0.3
Acute reaction to stress	30	1	4	35	0.8	0.4
Adjustment reaction	45	–	5	50	1.1	0.6
Emotional disturbance of childhood and adolescence	18	–	1	19	0.4	0.2
Hyperkinetic syndrome of childhood	2	–	–	2	0.0	0.0
Specific delays in development	6	–	–	6	0.1	0.1
Other non-psychotic disorders	299	3	18	320	7.1	3.7
Mental retardation	240	3	7	250	5.5	2.9
Observation only	1	–	2	3	0.1	0.0
Other	5	–	2	7	0.2	0.1
Total, all cases	3,984	106	418	4,508	100.0	52.5

Source: Ministry of Health, *Hospital Statistics*

Table 5.25

Discharges and Discharge Rates from Psychiatric Facilities[1] by Age Group, Ontario, 1960-1980-81[2]

Year	Age Group 0-14	15-24	25-34	35-44	45-54	55-64	65 +	Total
				Number of Persons				
1960	75	857	1,515	1,520	1,063	726	561	6,317
1961	326	1,037	1,720	1,920	1,457	1,029	1,287	8,776
1962	412	1,253	2,137	2,382	1,957	1,415	1,815	11,371
1963	455	1,586	2,332	2,527	1,735	1,168	1,098	10,901
1964	528	1,734	2,308	2,515	1,702	1,061	1,010	10,858
1965	546	1,947	2,446	2,784	2,044	1,410	1,728	12,905
1966	561	2,188	2,757	3,397	2,425	1,600	1,546	14,474
1967	858	2,464	3,037	3,533	2,843	1,993	2,006	16,734
1968	1,015	3,166	3,670	3,960	3,153	2,124	1,913	19,001
1969	1,306	3,240	3,321	3,689	3,872	1,715	1,356	17,499
1970	1,108	3,493	3,324	3,575	2,791	1,657	1,336	17,284
1971	1,137	3,597	3,274	3,315	2,673	1,555	1,110	16,661
1972	1,148	3,660	3,408	3,259	2,950	1,579	1,158	17,162
1973	1,341	3,715	3,450	3,260	3,015	1,757	1,456	17,994
1974	432	3,339	3,366	3,095	2,950	1,669	1,412	16,263
1975	443	3,198	3,637	3,049	2,857	1,711	1,279	16,174
1976	384	2,900	3,229	2,490	2,372	1,455	1,200	14,030
1977-78[3]	388	3,164	3,982	2,952	2,668	1,653	1,257	16,064
1978-79	791	2,656	3,337	2,064	1,877	1,182	981	12,176
1979-80	78	2,791	3,699	2,327	1,848	1,258	1,107	13,108
1980-81	63	2,771	3,641	2,241	1,802	1,235	1,127	12,880
				Rate per 100,000 Population				
1960	3.8	106.4	169.9	178.8	162.1	155.2	113.0	103.4
1961	16.2	125.9	194.9	221.6	217.3	215.8	253.3	140.7
1962	20.1	146.9	246.9	269.9	286.1	290.5	350.3	179.3
1963	21.8	177.6	274.9	282.0	249.2	234.7	208.4	169.1
1964	24.9	183.3	273.6	275.3	239.8	207.5	187.5	164.9
1965	25.3	194.3	289.4	299.6	281.6	268.3	314.6	191.7
1966	25.4	201.8	312.9	360.6	325.8	297.7	272.3	207.9
1967	38.5	214.1	332.3	369.4	370.5	359.9	345.6	234.1
1968	45.4	261.4	388.4	411.7	399.1	372.0	322.3	260.1
1969	58.5	255.8	339.6	383.0	352.8	291.2	223.2	234.8
1970	49.4	262.6	324.1	369.4	332.4	273.0	214.6	226.3
1971	51.5	259.2	313.2	351.7	314.1	249.4	172.2	216.3
1972	52.1	256.6	311.6	345.9	338.4	247.7	175.4	219.1
1973	61.5	258.6	295.9	343.3	336.6	273.2	217.6	226.6
1974	20.1	225.6	271.4	325.8	320.6	256.8	204.6	201.0
1975	20.7	208.9	283.8	314.5	307.4	256.3	183.2	196.6
1976	18.5	186.8	248.0	258.1	253.2	209.2	162.5	169.8
1977-78[4]	14.7	160.9	241.2	241.5	224.9	187.8	134.6	153.5
1978-79	39.8	165.3	241.7	206.5	199.9	159.6	124.4	144.2
1979-80	4.0	172.3	261.9	227.5	197.7	165.9	136.3	154.2
1980-81	3.3	171.3	252.4	213.4	192.4	158.5	134.0	150.3

1) Includes Psychiatric Hospitals and Facilities for the Retarded.

2) Figures do not include facilities for the Retarded, in 1974 and subsequent years.

3) Figures are for 15 month period Jan. 1, 1977 to March 31, 1978.

4) These rates are calculated using 80% of the discharges for 15 months to estimate the rates for a 12 month period.

Source: Ministry of Health, *Hospital Statistics*.

Table 5.29

Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1980-81[1]

Diagnosis	Length of Time on Books							
	Less than 1 month		1-3 months		4-7 months		8-11 months	
	Discharges	Deaths	Discharges	Deaths	Discharges	Deaths	Discharges	Deaths
With psychoses	2,713	21	2,005	28	844	17	511	14
Senile and presenile dementia	27	9	48	15	42	6	31	9
Alcoholic psychoses	74	0	47	1	21	2	13	0
Drug psychoses	118	0	37	0	6	0	7	0
Other organic psychoses	51	2	48	1	24	1	12	2
Schizophrenia	1,598	6	1,209	4	533	3	349	2
Affective psychoses	565	2	458	4	170	5	78	0
Paranoid states	92	1	76	2	25	0	14	0
Other non-organic psychoses	188	1	82	1	23	0	7	1
Without psychoses	3,945	21	1,335	14	415	8	235	12
Neurotic disorders	493	1	202	0	59	0	27	0
Personality disorders	1,143	3	365	0	151	0	66	2
Alcoholism	1,122	2	418	1	33	1	14	0
Drug dependence and abuse	164	0	35	0	7	0	4	0
Acute reaction to stress	404	0	41	0	19	0	12	0
Adjustment reaction	199	1	33	0	10	0	10	0
Emotional disturbance of childhood and adolescense	17	0	8	0	2	0	6	0
Hyperkinetic syndrome of childhood	0	0	0	0	1	0	1	0
Specific delays in development	1	0	0	0	0	0	0	0
Other non-psychotic disorders	213	13	125	12	80	6	55	10
Mental retardation	141	1	99	0	52	1	40	0
Observation only	41	0	9	1	1	0	0	0
General medical exam	6	0	0	0	0	0	0	0
Other	1	0	0	0	0	0	0	0
Total, all cases	6,658	42	3,340	42	1,259	25	746	26

Table 5.29 (cont'd.)

Discharges and Deaths by Length of Time on Books of Psychiatric Hospitals from Time of Admission and Diagnosis, Ontario, 1980-81[1]

	Length of Time on Books							
	1-2 year		3-4 years		5 years and over		Total	
Diagnosis	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths	Dis-charges	Deaths
With psychoses	252	23	116	32	81	33	6,522	168
Senile and presenile dementia	15	13	8	22	6	11	177	85
Alcoholic psychoses	8	0	5	2	1	1	169	6
Drug psychoses	0	0	0	0	0	0	168	0
Other organic psychoses	6	1	3	0	3	2	147	9
Schizophrenia	183	7	88	3	65	16	4,025	41
Affective psychoses	36	2	9	3	3	1	1,319	17
Paranoid states	1	0	1	2	0	1	209	6
Other non-organic psychoses	3	0	2	0	3	1	308	4
Without psychoses	109	8	54	3	22	9	6,115	75
Neurotic disorders	13	0	3	0	3	0	800	1
Personality disorders	44	3	23	0	6	1	1,798	9
Alcoholism	2	0	2	0	0	1	1,591	5
Drug dependence and abuse	0	0	0	0	0	0	210	0
Acute reaction to stress	1	0	0	1	0	0	477	1
Adjustment reaction	1	0	0	0	0	0	253	1
Emotional disturbance of childhood and adolescence	1	0	0	0	0	0	34	0
Hyperkinetic syndrome of childhood	0	0	0	0	0	0	2	0
Specific delays in development	0	0	0	0	0	0	1	0
Other non-psychotic disorders	15	5	12	2	4	3	504	51
Mental retardation	32	0	14	0	9	4	387	6
Observation only	0	0	0	0	0	0	51	1
General medical exam	0	0	0	0	0	0	6	0
Other	0	0	0	0	0	0	1	0
Total, all cases	361	31	170	35	103	42	12,637	243

1) 12 month period April 1, 1979 to March 31, 1980

Source: Ministry of Health, *Hospital Statistics*

Table 5.30

OHIP Claim Payments by Category Distribution[1] and Service, Ontario, 1976-77 to 1980-81

	Category Distribution							
	Welfare		Full Premium		Partial Assistance		Full Assistance	
Services	$'000's	%	$'000's	%	$'000's	%	$'000's	%
April 1, 1976-March 31, 1977								
Medical	36,145	97	116,676	94	152	93	23,516	94
Dental	165	–	846	1	1	1	248	1
Optometric	522	2	2,105	2	4	2	471	2
Chiropractic	443	1	3,915	3	6	4	665	3
Osteopathic	4	–	78	–	–	–	13	–
Chiropody	56	–	259	–	1	–	38	–
Total	37,335	100	123,879	100	164	100	24,951	100
April 1, 1977-March 31, 1978								
Medical	41,365	97	128,074	95	281	93	29,010	94
Dental	127	–	738	–	1	–	255	1
Optometric	604	2	2,403	2	7	2	582	2
Chiropractic	531	1	4,129	3	14	5	862	3
Osteopathic	5	–	69	–	1	–	12	–
Chiropody	61	–	279	–	1	–	43	–
Total	42,693	100	135,692	100	304	100	30,764	100
April 1, 1978-March 31, 1979								
Medical	48,092	97	132,113	94	166	93	37,860	94
Dental	142	–	795	1	1	–	310	1
Optometric	717	2	2,572	2	4	2	788	2
Chiropractic	579	1	4,691	3	7	4	1,777	3
Osteopathic	6	–	72	–	–	–	14	–
Chiropody	63	–	275	–	–	–	55	–
Physiotherapy	181	–	728	–	2	1	186	–
Total	49,780	100	141,246	100	180	100	40,390	100
April 1, 1979-March 31, 1980								
Medical	53,527	97	142,569	93	170	92	46,451	94
Dental	151	–	834	1	2	1	366	1
Optometric	767	1	2,715	2	4	3	941	2
Chiropractic	638	1	5,076	3	8	4	1,407	3
Osteopath	5	–	67	–	–	–	13	–
Chiropody	64	–	272	–	1	–	61	–
Physiotherapy	286	1	1,053	1	1	–	307	–
Total	55,438	100	152,586	100	186	100	49,546	100
April 1, 1980-March 31, 1981								
Medical	54,553	97	145,564	93	215	92	50,194	94
Dental	161	–	854	1	3	1	390	1
Optometric	783	1	2,772	2	5	2	989	2
Chiropractic	636	1	5,260	3	9	4	1,478	3
Osteopathic	3	–	56	–	–	–	12	–
Chiropody	62	–	292	–	1	–	60	–
Physiotherapy	298	1	1,073	1	2	1	341	–
Total	56,496	100	155,871	100	235	100	53,464	100

Table 5.30 (cont'd.)

OHIP Claim Payments by Category Distribution[1] and Service, Ontario, 1976-77 to 1980-81

	Category Distribution							
	Group		65 & Over		D.V.A.[2]		Total	
Services	$'000's	%	$'000's	%	$'000's	%	$'000's	%
April 1, 1976- March 31, 1977								
Medical	447,020	95	123,858	96	3,547	97	750,914	95
Dental	2,859	–	127	–	12	–	4,258	–
Optometric	8,246	2	1,644	1	56	2	13,048	2
Chiropractic	12,425	3	2,574	2	50	1	20,078	3
Osteopathic	241	–	118	–	1	–	455	–
Chiropody	1,012	–	1 284	1	10	–	2,660	–
Total	471,803	100	129.605	100	3,676	100	791,413	100
April 1, 1977- March 31, 1978								
Medical	492,794	95	143,526	96	4,255	96	839,305	95
Dental	2,721	–	111	–	9	–	3,962	–
Optometric	9.326	2	1,883	1	74	2	14,879	2
Chiropractic	14,549	3	2,977	2	65	2	23,127	3
Osteopathic	228	–	115	–	1	–	431	–
Chiropody	1,090	–	1,471	–	12	–	2,956	–
Total	520,708	100	150,083	100	4,416	100	884,660	100
April 1, 1978- March 31, 1979								
Medical	552,657	93	165,921	95	4,860	96	941,604	94
Dental	3,175	1	117	–	12	–	4,552	–
Optometric	11,042	2	2,213	1	89	2	17,424	2
Chiropractic	16.226	3	3,288	2	74	2	26,041	3
Osteopathic	2	–	129	–	1	–	449	–
Chiropody	1,174	–	1,524	1	11	–	3,102	–
Physiotherapy	3,645	1	926	1	22	–	5,690	1
Total	588,146	100	174,118	100	5,069	100	998,862	100
April 1, 1979- March 31, 1980								
Medical	614,615	94	193,989	95	5,497	96	1,056,818	94
Dental	3,219	–	126	–	10	–	4,708	–
Optometric	12,229	2	2,441	1	95	2	19,192	2
Chiropractic	18,099	3	3,605	2	80	1	28,913	3
Osteopathic	217	–	128	–	1	–	431	–
Chiropody	1,200	–	1,560	1	12	–	3,170	–
Physiotherapy	5,422	1	1,460	1	29	1	8,558	1
Total	655,001	100	203,309	100	5,724	100	1,121,790	100
April 1, 1980- March 31, 1981								
Medical	623,619	94	204,915	95	5,238	96	1,084,298	94
Dental	3,291	–	138	–	11	–	4,848	–
Optometric	12,501	2	2,602	1	94	2	19,746	2
Chiropractic	18,785	3	3,695	2	77	1	29,940	3
Osteopathic	188	–	115	–	1	–	375	–
Chiropody	1,198	–	1,564	1	12	–	3,189	–
Physiotherapy	5,601	1	1,562	1	33	1	8,910	1
Total	665,183	100	214,591	100	5,466	100	1,151,306	100

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1) Includes services for which claims have been received and approved by April

2) D.V.A. = Department of Veteran Affairs

Source: Ministry of Health, *OHIP Practitioner Care Statistics*

Table 5.31

Per Capita Cost of OHIP Insured Population by Category Distribution[1] and Service, Ontario 1977-78 to 1980-81

	Category Distribution							
Services	Welfare	Full Premium	Parial Assistance	Full Assistance	Group	65 & Over	D.V.A.[2]	Total
April 1, 1977-March 31, 1978								
Medical	83.85′	108.86′	45.97	82.65′	91.29′	145.89′	113.78′	99.37′
Dental	0.26	0.63	0.19	0.73	0.50	0.11	0.25	0.47
Optometric	1.23′	2.04	1.11′	1.66	1.73	1.91′	1.97	1.76
Chiropractic	1.08	3.51	2.36	2.46	2.70	3.03′	1.74	2.74
Osteopathic	0.01	0.06	0.03	0.03	0.04	0.12	0.02	0.05
Chiropody	0.12	0.24′	0.10′	0.12	0.20	1.50′	0.31	0.35
Overall	86.55′	115.34′	49.76	87.65′	96.46′	152.56′	118.07′	104.74′
Average Insured Population ('000)[3]	493.3	1,176.5	6.1	351.0	5,397.9	983.8	37.4	8,446.0
April 1, 1978-March 31, 1979′								
Medical	99.30	122.54	47.40	104.53	102.42	158.06	127.92	111.95
Dental	0.29	0.74	0.14	0.86	0.59	0.11	0.30	0.54
Optometric	1.48	2.38	1.08	2.18	2.05	2.11	2.34	2.07
Chiropractic	1.20	4.35	1.87	3.25	3.01	3.13	1.95	3.10
Osteopathic	0.01	0.07	–	0.04	0.04	0.12	0.03	0.05
Chiropody	0.13	0.25	0.11	0.15	0.22	1.45	0.30	0.37
Physiotherapy	0.37	0.68	0.47	0.51	0.67	0.88	0.57	0.68
Overall	102.78	131.01	51.07	111.52	109.00	165.86	133.41	118.76
Average Insured Population ('000)[3]	484.3	1,078.1	3.5	362.2	5,396.7	1,050.0	38.0	8,412.8
April 1, 1979-March 31, 1980								
Medical	110.78	135.88	26.60	118.95	113.89	174.50	142.03	124.68
Dental	0.31	0.80	0.23	0.94	0.60	0.11	0.25	0.56
Optometric	1.59	2.59	0.68	2.41	2.27	2.20	2.46	2.26
Chiropractic	1.32	4.84	1.25	3.60	3.35	3.24	2.06	3.41
Osteopathic	0.01	0.06	0.01	0.03	0.04	0.12	0.03	0.05
Chiropody	0.13	0.26	0.08	0.16	0.22	1.40	0.32	0.37
Physiotherapy	0.59	1.00	0.12	0.79	1.00	1.31	0.75	1.01
Overall	114.73	145.43	28.97	126.88	121.37	182.88	147.90	132.34
Average Insured Population ('000)[3]	483.2	1,049.2	6.4	390.5	5,396.8	1,111.7	38.7	8,476.5
April 1, 1980-March 31, 1981								
Medical	112.73	140.59	27.53	120.92	115.78	174.51	139.29	126.96
Dental	0.33	0.82	0.41	0.94	0.61	0.12	0.30	0.57
Optometric	1.62	2.68	0.61	2.38	2.32	2.22	2.51	2.31
Chiropractic	1.31	5.08	1.14	3.56	3.49	3.15	2.04	3.51
Osteopathic	0.01	0.05	0.01	0.03	0.03	0.10	0.03	0.05
Chiropody	0.13	0.28	0.10	0.14	0.22	1.33	0.32	0.37
Physiotherapy	0.62	1.04	0.28	0.82	1.04	1.33	0.86	1.04
Overall	116.75	150.54	30.08	128.79	123.49	182.76	145.35	134.81
Average Insured Population ('000)[3]	483.9	1,035.4	7.8	415.1	5,386.4	1,174.2	37.6	8,540.4

1) Includes services for which claims have been received and approved by April
2) D.V.A. = Department of Veteran Affairs
3) Net certified population

Source: Ministry of Health, OHIP Practitioner Care Statistics

Table 5.32

Distribution of OHIP Payments for Services Rendered by Physicians[1], Ontario, 1980-81

Specialty	Number of Physicians	% of Total Physicians	Payments	% of Total Payments	Number of Services	% of Total Services
			$000's		'000's	
General Practice	7.566	51.9	509,317.3	42.9	60,761.7	49.1
General Surgery	786	5.4	65,613.3	5.5	2.848.2	2.3
Internal Medicine	1.323	9.1	122,030.7	10.3	14,335.1	11.6
Obstetrics & Gynaecology	592	4.1	54,933.7	4.6	2.468.1	2.0
Pediatrics	559	3.8	38,663.5	3.3	5,149.5	4.2
Orthopedic Surgery	307	2.1	27,364.0	2.3	1,038.9	0.8
Otolaryngology	218	1.5	24,564.7	2.1	1,740.2	1.4
Urology	176	1.2	17,817.7	1.5	697.0	0.5
Diagnostic Radiology	450	3.1	91,215.7	7.7	4,160.4	3.4
Anaesthesia	625	4.3	39,576.7	3.3	7,240.2	5.8
Neurology	125	0.9	10,545.1	0.9	486.3	0.4
Psychiatry	929	6.4	53,921.6	4.6	2.623.6	2.1
Ophthalmology	320	2.2	32,981.0	2.8	1,628.2	1.3
Dermatology	151	1.0	15,244.4	1.3	1,341.4	1.1
Pathology	137	0.9	58,123.0	4.9	16,258.0	13.1
Neurosurgery	59	0.4	4,929.0	0.4	146.5	0.1
Plastic Surgery	105	0.7	9,534.2	0.8	321.0	0.3
Thoracic Surgery	41	0.3	4,967.3	0.4	85.8	0.1
Physical Medicine	60	0.4	3,359.0	0.3	317.8	0.3
Therapeutic Radiology	49	0.3	1,484.8	0.1	75.0	0.1
Total	14,578	100.0	1,186,186.7	100.0	123,722.9	100.0

1) Includes only those physicians who have rendered an insured service during April 1, 1980 to March 31, 1981

Source: Ministry of Health, *OHIP Practitioner Care Statistics*

Table 5.33

Cigarette Smokers[1], Canada and Ontario, Selected Years, 1974-1981[3]

	Number of Cigarettes Smoked per Day	Male Population 15 years and over					Female Population 15 years and over				
		1974	1975	1977	1979	1981	1974	1975	1977	1979	1981
		Per cent									
Canada	1-10	7.9	7.3	6.3	5.6	6.5	8.4	8.8	7.6	6.3	6.4
	11-25	32.1	31.3	27.9	26.3	24.6	21.0	20.6	20.4	20.8	19.8
	over 25	5.2	4.7	5.7	5.8	5.6	2.0	2.0	2.7	2.7	2.7
	Total regular smokers	45.3	43.3	40.8	38.6	36.7	31.5	31.4	31.1	30.1	28.9
Ontario	1-10	7.3	7.1	6.3	5.5	6.5	7.4	8.6	7.1	6.4	5.9
	11-25	29.8	29.2	25.9	22.9	21.9	19.1	19.8	19.1	18.7	19.0
	over 25	4.8	4.3	5.3	5.1	4.7	2.0	1.7	2.3	2.5	2.3
	Total regular smokers	41.9	40.6	38.2	34.4	33.1	28.4	30.1	28.8	27.9	27.2

1) Cigarette Smokers refer to those who smoke cigarettes daily

2) Figure subject to large sample error

3) Occasional Survey, 1976, 1978 and 1980 not done

Source: Ministry of Health, Health Promotion and Information Branch

Table 5.34

Sale of Alcoholic Beverages by Volume and Apparent Consumption, Canada and Ontario, 1974-75 to 1979-80[2]

	Population Age 15 Years and Over[3]	Sales of Alcoholic Beverages by Volume			Amount Absolute Alcohol Sold[1]			Per Capita Absolute Alcohol Consumption Age 15 Years and Over			
		Spirits	Wine	Beer	Spirits	Wine	Beer	Spirits	Wine	Beer	Total
	'000's	'000's Gallons						Gallons			
1974-75											
Canada	16,425.2	38,472	29,046	422,689	15,388.8	3,776.0	21,134.4	0.94	0.23	1.28	2.45
Ontario	5,965.3	15,011	9,514	156,115	6,004.4	1,236.8	7,805.8	1.00	0.21	1.31	2.52
1975-76											
Canada	16,841.8	39,672	31,138	434,183	15,868.8	4,047.9	21,709.2	0.94	0.24	1.29	2.47
Ontario	6,107.2	15,283	10,173	158,018	6,113.2	1,322.5	7,900.9	1.00	0.22	1.29	2.51
1976-77											
Canada	17,230.2'	41,145	33,214	430,367'	16,458.0	4,317.8	21,518.4	0.95	0.25	1.25	2.45
Ontario	6,236.5	16,068	11,384	153,189	6,427.2	1,479.9	7,659.4	1.03	0.24	1.22	2.49
1977-78											
Canada	17,578.1'	42,169	37,078	440,821	16,867.6	4,820.1	22,041.0	0.96	0.27	1.25	2.48
Ontario	6,366.0'	16,251	12,896	158,485	6,500.4	1,676.5	7,924.2	1.02	0.26	1.24	2.52
1978-79											
Canada	17,897.2	43,055	42,505	434,610	17,222.0	5,525.6	21,730.5	0.96	0.31	1.21	2.48
Ontario	6,484.7	16,067	14,622	161,670	6,426.8	1,900.9	8,083.5	0.99	0.29	1.25	2.53
1979-80											
Canada	18,212.4	41,952	43,921	453,392	16,781.0	5,709.7	22,669.6	0.92	0.31	1.24	2.47
Ontario	6,587.9	16,233	15,253	163,294	6,493.3	1,982.9	8,164.7	0.99	0.30	1.24	2.53

1) To convert gallons of beverage to gallons of absolute alcohol the following average values were employed: spirits 40% alcohol by volume, wine 13.6% and decreasing steadily to 13% for 1974 and subsequent years and beer 5% alcohol by volume.

2) Gallonage figures are presented on a fiscal year basis; that is, data for 1973-74 are for the twelve month period beginning April 1st, 1973 and ending March 31, 1974.

3) The population aged 15 years and over was estimated for October 1st of each fiscal year.

Source: Addiction Research Foundation.

Table 5.35

Deaths and Death Rates From Alcohol-Related Problems and Estimated Prevalence of Alcoholism[1], Canada and Ontario, 1971-1979

	Population Aged 20 and Over[2]	Number of Deaths from Alcohol-Related Problems			Death Rates from Alcohol-Related Problems Per 100,000 Population Aged 20 and Over			Estimated Number of Alcoholics[3]	Alcoholics Per 100,000 Population Aged 20 and Over[3]
		Alcoholic Psychosis	Alcoholism	Liver Cirrhosis	Alcoholic Psychosis	Alcoholism	Liver Cirrhosis		
	'000's								
1971									
Canada	13,073.0	26	360	1,937	0.2	2.7	14.8	420,900	3,200
Ontario	4,781.2	14	145	792	0.3	3.0	16.5	172,700	3,600
1972									
Canada	13,348.8	28	410	2,236	0.2	3.1	16.7	474,700	3,600
Ontario	4,888.1	13	146	921	0.3	3.0	18.8	193,800	4,000
1973									
Canada	13,646.9	25	465	2,508	0.2	3.4	18.4[1]	525,400	3,800
Ontario	4,995.4	11	171	1,002	0.2	3.4	20.1[1]	210,500	4,200
1974									
Canada	14,016.7	25	510	2,618	0.2	3.6	18.7[1]	584,650	4,200
Ontario	5,140.9	9	221	1,022	0.2	4.3	19.9[1]	226,700	4,400
1975									
Canada	14,396.4	36	696	2,725	0.2	4.8	18.9	606,700	4,200
Ontario	5,268.7	15	286	1,007	0.3	5.4	19.1	230,300	4,400
1976									
Canada	14,751.1	32	635	2,791	0.2	4.3	18.9	622,750	4,100
Ontario	5,382.7	16	246	1,079	0.3	4.6	20.0	235,000	4,300
1977									
Canada	15,091.5	39	664	2,762	0.3	4.4	18.3		
Ontario	5,496.5	20	236	1,051	0.4	4.3	19.1		
1978									
Canada	15,409.2	41	638	2,838	0.3	4.1	18.4		
Ontario	5,613.5	17	226	1,020	0.3	4.0	18.2		
1979									
Canada	15,722.7	29	511	2,657	0.2	3.2	16.9		
Ontario	5,715.7	20	223	994	0.3	3.9	17.4		

1) Estimates of alcoholism prevalence were obtained by means of the Jellinek formula which infers the probable number of alcoholics in a population from the centred two-year moving average of total reported liver cirrhosis mortality.

2) As of June 1st of each calendar year.

3) Canada figures exclude the Yukon and Northwest Territories.

Source: Addiction Research Foundation.

Table 5.36

Drug-Related Offences by County, Ontario, 1978

County	Drug-Related Offences							Drug-Related Hospital Separations	
	Marihuana	Heroin	Cocaine	Other Drugs	Restricted Drugs	Total Number	Total Rate¹	Number	Rate¹
Ontario	18,261	114	270	418	528	19,591	232.0	755	8.9
Algoma	253	–	–	4	10	267	209.8	4	3.1
Brant	86	–	–	1	2	89	87.6	15	14.8
Bruce	90	–	–	1	3	94	158.7	8	13.5
Cochrane	213	–	2	4	5	224	235.1	11	11.5
Dufferin	8	–	–	–	–	8	25.4	4	12.7
Dundas-Glengarry-Stormont	127	1	2	9	3	142	141.3	7	7.0
Durham	1,030	–	2	3	17	1,052	396.9	13	4.9
Elgin	82	–	–	2	–	84	121.7	5	7.2
Essex	667	17	20	24	24	752	237.7	55	17.4
Frontenac	90	–	–	7	2	99	86.9	16	14.0
Grey	123	–	2	5	6	136	187.9	5	6.9
Haldimand-Norfolk	187	–	–	–	7	194	216.2	6	6.7
Haliburton	5	–	–	–	–	5	49.0	2	19.6
Halton	566	–	2	7	19	594	246.4	16	6.6
Hamilton-Wentworth	1,851	1	3	24	44	1,923	463.5	39	
Hastings	137	–	–	1	4	142	134.3	18	17.0
Huron	40	–	–	–	2	42	75.9	3	5.4
Kenora	169	–	–	3	2	174	298.0	14	24.0
Kent	235	–		23	3	261	244.4	15	14.0
Lambton	477	–	–	5	13	495	402.3	10	8.1
Lanark	55	–	3	2	–	60	133.8	1	2.2
Leeds-Grenville	162	1	2	5	2	172	215.2	1	1.2
Lennox-Addington	60	3	–	6	2	71	217.3	1	3.1
Manitoulin	17	–	–	–	1	18	164.6	2	18.3
Middlesex	507	2	2	5	15	531	167.3	14	4.4
Muskoka	80	–	–	2	4	86	227.5	–	–
Niagara	238	5	3	18	11	275	74.9	40	10.9
Nipissing	248	–	–	7	7	262	329.0	5	6.3
Northumberland	105	1	–	3	1	110	167.2	4	6.1
Ottawa-Carleton	634	7	11	31	22	705	132.2	55	10.3
Oxford	177	–	–	2	1	180	212.4	1	1.2
Parry Sound	50	–	–	–	–	50	157.8	2	6.3
Peel	1,187	4	12	5	15	1,223	290.0	16	3.8
Perth	150	–	–	1	4	155	234.0	5	7.5
Peterborough	115	1	1	–	2	119	119.6	15	15.1
Prescott-Russell	37	–	–	1	1	39	76.8	2	3.9
Prince Edward	11	–	–	–	–	11	50.6	–	–
Rainy River	199	–	–	3	6	208	852.9	8	32.8
Renfrew	56	–	–	–	7	63	71.6	7	8.0
Simcoe	640	1	3	7	16	667	302.7	14	6.4
Sudbury (R.M.)	388	–	–	7	21	416	255.0	12	7.4
Sudbury (T.D.)	49	–	–	4	–	53	201.2	3	11.4
Thunder Bay	412	–	1	8	10	431	286.8	18	12.0
Timiskaming	42	–	–	–	1	43	103.3	2	4.8
Toronto (Metro)	5,078	64	194	157	175	5,668	266.2	199	9.3
Victoria	106	–	–	2	3	111	245.0	1	2.2
Waterloo	433	6	3	12	20	474	156.2	17	5.6
Wellington	203	–	–	1	7	211	160.7	28	21.3
York	386	–	2	6	8	402	185.1	16	7.4

1) Per 100,000 Population

Source: Addiction Research Foundation

Table 5.37

Alcohol-Related Offences by County, Ontario, 1978

		Alcohol-Related				
	Per Capita Alcoholic Consumption	Offences		Hospital Separations		Number Deaths
		Number	Rate[1]	Number	Rate[1]	Liver Cirrhosis
	litres					
Ontario	8.61	156,168	1,849.5	15,967	189.1	1,020
Algoma	9.89	1,793	1,409.0	353	277.4	16
Brant	7.96	1,018	1,001.6	249	245.0	21
Bruce	10.45	1,685	2,844.9	234	395.1	13
Cochrane	9.58	2,219	2,329.3	715	750.6	16
Dufferin	7.08	565	1,794.4	59	187.4	3
Dundas-Glengarry -Stormont	7.76	1,484	1,476.6	250	248.8	14
Durham	7.62	6,771	2,554.4	375	141.5	15
Elgin	6.94	2,090	3,027.0	111	160.8	7
Essex	8.42	2,812	888.8	468	147.9	47
Frontenac	9.20	2,796	2,453.9	231	202.7	11
Grey	8.33	2,603	3,597.0	240	331.6	11
Haldimand-Norfolk	8.15	2,617	2,916.1	157	175.0	11
Haliburton	14.28	299	2,930.8	30	294.1	3
Halton	7.51	3,795	1,574.0	404	167.6	30
Hamtilon-Wentworth	8.52	1,821	438.9	533	128.5	53
Hastings	9.99	1,977	1,869.7	305	288.4	18
Huron	7.59	1,588	2,870.7	137	247.7	3
Kenora	13.40	5,090	8,717.4	405	693.6	3
Kent	8.70	3,255	3,048.3	215	201.3	9
Lambton	8.47	4,240	3,445.9	249	202.4	12
Lanark	9.50	1,201	2,678.8	113	252.0	1
Leeds-Grenville	8.71	2,748	3,438.9	115	143.9	10
Lennox-Addington	7.48	1,397	4,276.1	34	104.1	1
Manitoulin	11.60	586	5,358.4	74	676.7	1
Middlesex	8.42	5,882	1,853.4	417	131.4	24
Muskoka	14.38	1,430	3,782.2	68	179.8	1
Niagara	8.53	4,257	1,159.4	738	201.0	56
Nipissing	9.86	1,973	2,477.2	200	251.1	15
Northumberland	7.91	1,492	2,268.2	134	203.7	7
Ottawa-Carleton	8.53	5,002	937.9	907	170.1	66
Oxford	6.73	3,298	3,891.0	129	152.2	8
Parry Sound	12.18	8.41	2,655.0	88	277.8	1
Peel	7.64	5,224	1,238.9	510	121.0	35
Perth	8.00	1,852	2,796.1	135	203.8	9
Peterborough	10.01	1,503	1,510.9	208	209.1	15
Prescott-Russell	7.32	372	732.7	84	165.4	5
Prince Edward	6.05	555	2,553.7	33	151.8	1
Rainy River	10.47	1,977	8,107.1	180	738.1	2
Renfrew	10.30	1,496	1,700.6	267	303.5	14
Simcoe	9.97	6,771	3,072.5	382	173.3	29
Sudbury (R.M.)	9.56	2,100	1,287.0	263	161.2	12
Sudbury (T.D.)	10.76	1,057	4,012.7	134	508.7	4
Thunder Bay	11.24	3,777	2,513.5	620	412.6	20
Timiskaming	9.29	545	1,308.8	124	297.8	12
Toronto (Metro)	8.57	37,486	1,760.6	3,292	154.6	295
Victoria	9.71	1,601	3,534.4	80	176.6	2
Waterloo	8.38	3,513	1,157.5	348	114.7	29
Wellington	7.40	2,133	1,624.7	325	247.6	11
York	6.65	3,581	1,648.6	245	112.8	18

1) Per 100,000 population

Source: Addiction Research Foundation

Section
6

Education

Highlights

- **Enrolment** – For publicly supported schools in Ontario the high point of enrolment was the 1971-72 mark of 2.0 million students. For the period between 1965 and 1979 there was a 16.8 per cent increase from the 1965-66 figure to the 1971-72 figure, and subsequently a 9.6 per cent decrease to the 1980-81 level. Private schools showed a much different pattern. For a similar period the highest level of enrolment was in 1980-81 at 74,292 students and the lower level was in 1968-69 at 44.0 per cent below that mark.

  The general trend of somewhat lower levels of enrolment is most clearly demonstrated in terms of total enrolment for elementary schools. The 1981 mark of 1.2 million elementary school students is 1.2 per cent lower than the previous year and 16.4 per cent lower than the 1970 figure which showed the highest level of enrolment ever. The average annual increase in secondary school enrolment between 1967 and 1980 was 2.0 per cent which compares with recent annual percentage increases of 2.6 in 1975, 1.3 in 1376, 0.1 in 1977 and decreases of 0.4 in 1978, 1.9 in 1979, 2.3 in 1980, 3.0 in 1981. Through most of the sixties each year's enrolment had shown an increase of more than 4 per cent. It would seem only a matter of time until secondary school patterns show the same trend as elementary schools.

  At the university level, full-time undergraduate enrolment has maintained its upward trend albeit at a somewhat reduced rate. From 1975-76 to 1976-77 the rate of increase was 2.8 per cent. Between the years 1976-77 and 1978-79 enrolment decreased at a rate of 3.0 per cent the first year and 3.5 per cent the next. The 1979-80 mark of 137,327 undergraduates was a 0.4 per cent increase over the previous year. The 1980-81 mark increased 3.8 per cent over the previous year.

  The enrolment at Colleges of Applied Arts and Technology for Ontario increased from 75,745 in 1980/81 to 79,242 in 1981/82, a 4.6 per cent increase.

- **Graduates** – In 1981 there were 5,395 graduates of secondary school programs of occupational education. This is a 5.5 per cent decrease from the previous year and a 10.3 per cent increase from 1976. On the other hand, there was a 5.2 per cent increase from 1980 in the number of students receiving regular academic graduation diplomas. 102,924 were issued to public secondary and 11,015 to private secondary students.

  At the university level there were 36,223 bachelor and first professional degrees awarded in 1980 a decrease of 3.0 per cent from the previous year. These degrees represent 42.0 per cent of the number awarded throughout Canada. There were also 6,042 masters degrees and 836 doctorates awarded in the same period. Community college graduates numbered 22,580, an increase of 8.1 per cent over 1979-80.

  In 1981, 3,485 teachers graduated from Faculties of Education in Ontario.

- **Industrial Training** – There were 42,484 active apprentices at the end of the 1981-82 year. This represents an increase of 16.9 per cent over the previous year end figure. 1,358 apprentices completed their training in 1981-82 which is a decrease of 64.5 per cent from the 1980-81 figure. There were 11,077 new registrations bringing the full-time school enrolment to 15,849 in 1981-82. These figures are 0.6 per cent increase and a 0.7 per cent decrease respectively over the previous year.

- **Teachers** – The total number of elementary and secondary school teachers employed in Ontario for 1979-80 decreased 1.3 per cent from the 1978-79 mark of 97,526. Post-secondary institutions showed an increase of 1.3 per cent from the 1978-79 figure of 17,809. In 1981 the Municipality of Metropolitan Toronto employed the most teachers in Ontario with 11,426 elementary or 21.6 per cent of the total for the province and 7,423 secondary or 22.4 per cent of the provincial total.

  At the university level there was a decrease in teaching staff of 0.1 per cent from 1977-78 to 1980-81. The highest figure reached was the 1979-80 mark of 12,827. In 1980-81, 88.7 per cent of the university teaching staff were male.

The number of C.A.A.T. teachers was constant between 1980/81 and 1981/82, with the total in 1981/82 being 6,773. Of these 35 per cent were female.

- **Finances** – In 1980 local taxation accounted for 46.1 per cent of the 4.5 billion total revenue for Ontario school boards. Provincial government grants accounted for the other major portion with 50.2 per cent of the total. Elementary schools accounted for 58.8 per cent of the total expenditure (which corresponds to the total revenue), while secondary schools were responsible for the remaining 41.2 per cent.

Definitions

Offical Minority Language – English in Québec. French in all other provinces.

Second Language – The study of the official minority language as a second language; generally, the study of the grammar and the literature of the language.

School Enrolment – The total enrolment of elementary and secondary schools as reported as of October 15 each year.

Registered Indian – "Indian" means a person who, pursuant to the Indian Act, is registered as an Indian in the Indian Register.

Publicly Supported Schools – Publicly supported schools are those which are supported by local taxation and/or provincial grants and are administered by local school boards in accordance with the education act of the jurisdiction in which they are located. Included under this heading are the denominational schools of Newfoundland, the Protestant and Roman Catholic Separate schools, where such exist, and schools operated by the Department of National Defence on stations across Canada. These latter schools operate within the framework of the publicly supported schools of the province where they are located.

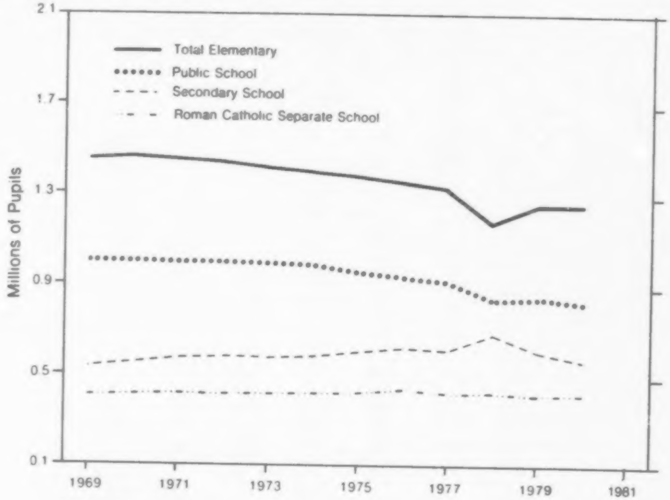
Private Schools – There exist throughout Canada, elementary and secondary schools which operate outside the publicly supported school system. Even though some of them may receive provincial financial support, they are operated privately by individuals, associations or corporations. Only academic elementary and secondary schools are reported.

Federal Schools – Schools for Indian and Eskimo pupils. The education of Indian and Eskimo children in the provinces is the responsibility of the Department of Indian Affairs and Northern Development which administers the schools directly. Although the great majority of students in federal schools are Indian and Eskimo children, there are some other pupils enrolled, generally children of staff members.

Band Operated Schools –Schools operated by staff employed by an Indian Band or organization, and financed by the Department of Indian Affairs and Northern Development.

University Student Information Systems (USIS) – This is the statistical system which is now used to provide more accurate data. In previous years data were obtained solely from the Financial System (U.A.R.). Figures which are based on the USIS system are not comparable with data published previously because undergraduate and graduate breakdowns differ for Statistical and Financial purposes, due to differences in course classifications between the two systems.

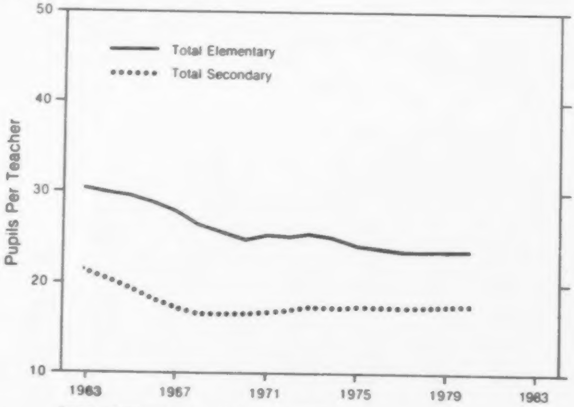
Graph 6.A
School Enrolments[1], Ontario, 1969-1980



[1] As of September 30

Source: Ministry of Education, *Education Statistics Ontario*

Graph 6.B
Pupil/Teacher Ratio[1], Ontario, 1963-1980

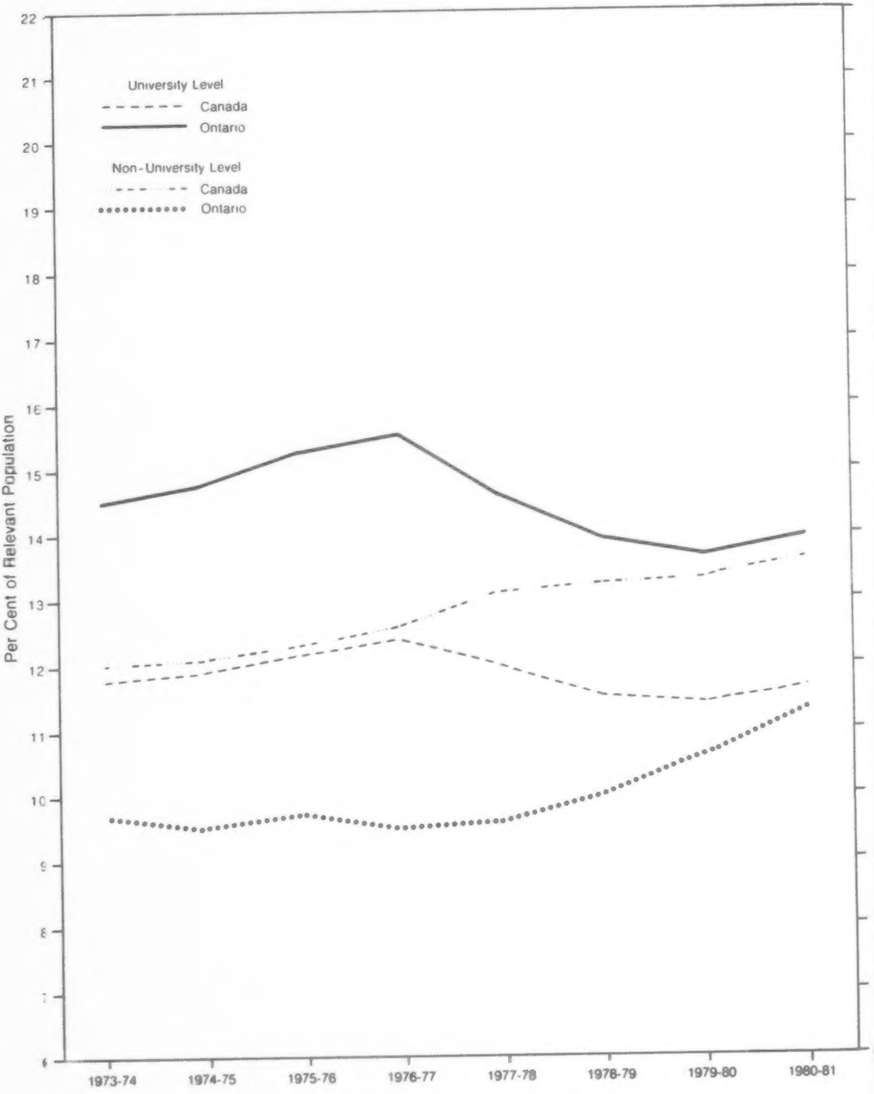


[1] Head count enrolment over number of full-time teachers

Source: Ministry of Education, *Education Statistics Ontario*

Graph 6.C

Full-Time Post-Secondary Enrolment by Level, Related to Relevant Population[1], Canada and Ontario, 1973-74 to 1980-81



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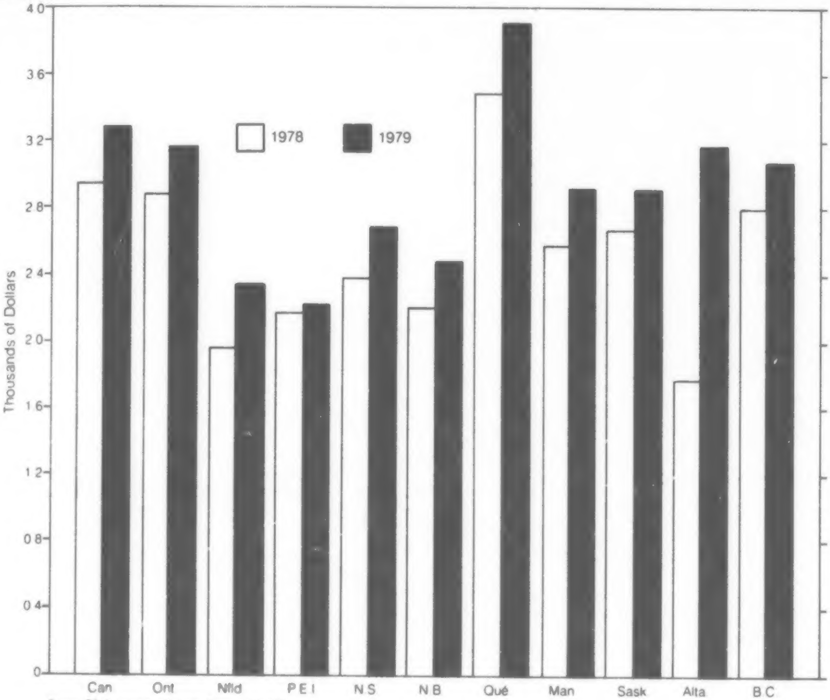
[1] Relevant population for University Level is 18 to 24 years of age and for Non-University Level is 18 to 21 years of age

[2] 1980-81 figures are preliminary

Source SC *Education in Canada*

Graph 6.D

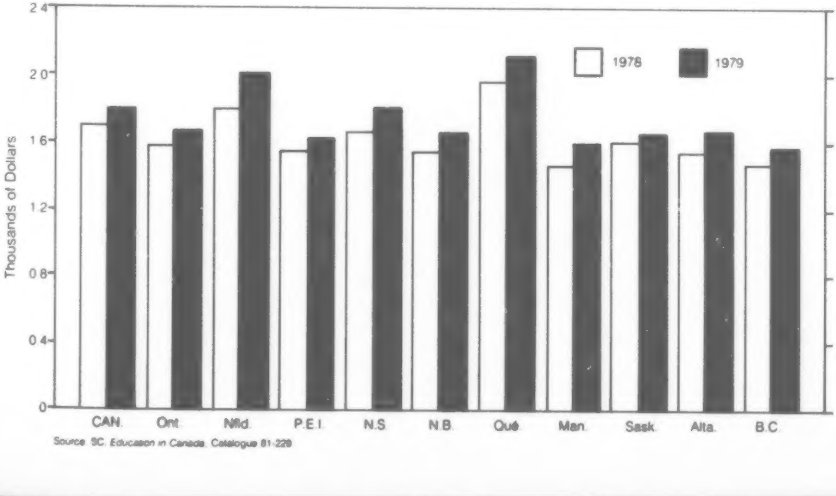
Expenditures on Education per Full-time Student, at all Levels, Canada and Provinces, 1978 and 1979p



Source: SC, Education in Canada, Catalogue 81-229

Graph 6.E

Expenditures on Education per Capita of the Labour Force, at all Levels, Canada and the Provinces, 1978 and 1979p



Source: SC, Education in Canada, Catalogue 81-229

Table 6.1

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1978-79 and 1979-80

	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
Canada	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
							$ Million	
Elementary-Secondary Level								
Elementary and Secondary Schools:								
Public	14,201	14,137	266,796	263,126	5,059,008	4,944,711	11,628.4	12,816.1
Federal	343	345	2,294	2,290	38,361	37,935	138.1	145.0
Private	882	936	9,812	10,091	193,388	198,858	404.2	452.5
Other Schools:								
Blind and Deaf	23	4	797	793	3,253	3,193	90.5[1]	105.0[1]
Total Elementary-Secondary	15,449	15,439r	279,699	276,300	5,294,010	5,184,697	12,261.2	13,518.6
Post-Secondary Level								
Community Colleges and Related Institutions	186	192	19,678	19,828	249,768r	252,146r	1,496.0r	1,611.5
Universities and Colleges	65	65	32,645	32,815	367,973	371,359	3,624.7r	3,948.5
Total Post-Secondary	251	257	52,323	52,643	617,741	623,505	5,120.7r	5,560.0
Total All Levels	15,706	15,696	332,022	328,943	5,911,751	5,808,202	17,381.9	19,078.6
Trade and Other Non-post secondary courses	...	...	...	...	...	...	1,074.1r	1,168.5

Table 6.1 (cont'd.)

Summary of Educational Data: Number of Institutions, Full-Time Teachers, Full-Time Enrolment and Expenditures, Canada and Ontario, 1978-79 and 1979-80

Ontario	Institutions		Full-Time Teachers		Full-Time Enrolment		Total Expenditure on Education	
	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80	1978-79	1979-80
							$ Million	
Elementary-Secondary Level								
Elementary and Secondary Schools:								
Public	4,723	4,727	94,360	92,977	1,909,145	1,866,107	4,334.2	4,736.2
Federal	82	79	410	390	7,468	7,279	24.6	23.3
Private	377	398	2,486	2,640	64,148	67,899	125.3	139.6
Other Schools: Blind and Deaf	4	4	270	273	1,065	1,063	27.2[1]	30.8[1]
Total Elementary-Secondary	5,186	5,208	97,526	96,280	1,981,826	1,942,348	4,511.3[1]	4,929.9
Post-Secondary Level								
Community Colleges and Related Institutions	30	30	5,004	5,215	64,499	70,164[1]	436.5	491.7
Universities and Colleges	22	21	12,805	12,827	154,396	154,604	1,358.6	1,427.4
Total Post-Secondary	52	51	17,809	18,042	218,895	224,768	1,795.1	1,919.1
Total All Levels	5,238	5,259	115,335	114,322	2,200,721	2,167,116	6,306.4	6,849.0
Trade and Other Non-post secondary courses							284.4	301.6

1) Includes other special education.

Source: SC, *Education, Science and Culture Division*

Table 6.2

Enrolment in Private and Public Schools, Canada and Ontario, 1960-61 to 1983-84

	Private		Public	
	Canada	Ontario	Canada	Ontario
1960-61	168,163	26,175	3,989,257	1,389,163
1961-62	179,635	27,826	4,184,322	1,462,230
1962-63	191,467	32,458	4,372,956	1,528,607
1963-64	201,085	41,721	4,554,784	1,597,374
1964-65	203,006[r]	44,470	4,744,629	1,673,774
1965-66	203,681	45,554	4,909,788	1,738,781
1966-67	188,997	46,072	5,075,827	1,800,897
1967-68	157,457	42,986	5,265,856	1,868,788
1968-69	145,774	41,604	5,454,687	1,931,397
1969-70	155,569	43,007	5,579,035	1,986,796
1970-71	142,601	44,116	5,655,431	2,022,401
1971-72	139,929	43,949	5,628,218	2,031,360
1972-73	151,595	44,826	5,570,251	2,028,114
1973-74	157,919	47,500	5,491,865	2,008,610
1974-75	175,298	51,239	5,416,366	1,994,489
1975-76	182,001	54,598	5,372,014	1,994,638
1976-77	188,326	58,226	5,284,220	1,973,140
1977-78	189,389[r]	61,082	5,179,221	1,950,308
1978-79	193,388[r]	64,148	5,059,008	1,909,145
1979-80	198,858[r]	67,899	4,944,711	1,866,107
1980-81	206,213	74,292	4,856,425[r]	1,835,537
1981-82[p]	210,200	77,900	4,769,100	1,797,700
1982-83[1]	213,000	80,400	4,689,300	1,759,900
1983-84[1]	215,000	82,090	4,639,600	1,727,500

1) Projections

Source SC, Education, Science and Culture Division

Table 6.3

Elementary School Enrolment by Age and Sex, Ontario, 1980 and 1981[1]

	1980			1981		
Age	Male	Female	Total	Male	Female	Total
3 years and under	5,522	5,416	10,938	5,657	5,514	11,171
4 years	33,681	32,402	66,083	32,834	31,857	64,691
5 years	60,488	57,834	118,322	58,357	56,159	114,516
6 years	59,975	56,902	116,877	61,035	58,240	119,275
7 years	61,637	58,544	120,181	60,256	57,160	117,425
8 years	63,293	59,405	122,698	62,018	58,744	120,762
9 years	67,011	63,828	130,839	63,432	59,626	123,058
10 years	67,790	64,478	132,268	67,203	63,918	131,121
11 years	65,958	63,229	129,187	67,714	64,405	132,119
12 years	65,258	62,482	127,740	65,812	63,115	128,927
13 years	56,726	51,909	108,635	55,209	50,718	105,927
14 years	21,887	17,351	39,238	21,333	17,105	38,438
15 years	7,310	7,821	15,131	7,362	7,897	15,259
16 years	976	832	1,808	1,007	823	1,830
17 years and over	178	151	329	180	181	361
Total	637,690	602,584	1,240,274	629,418	595,462	1,224,880

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.4

Enrolment in Elementary and Secondary Schools[1] by Sex and Grade Group, Canada and Ontario, Selected Years, 1975-76 to 1980-81

	Grades I-VIII[2]				Grades IX and Higher[3]			
	Male		Female		Male		Female	
	Number	%	Number	%	Number	%	Number	%
1975-76								
Canada	1,795,147^{r}	103.3^{r}	1,686,710^{r}	101.7^{r}	870,727	90.4	840,039	91.3
Ontario	624,835	102.4	585,874	100.9	342,098	103.1	322,845	102.3
1976-77								
Canada	1,755,597^{r}	103.4^{r}	1,650,999^{r}	101.9^{r}	871,333	89.5	841,297	90.5
Ontario	613,259	102.5	575,012	101.0	345,865	102.5	328,713	102.4
1977-78^{r}								
Canada	1,712,006^{r}	103.5^{r}	1,608,528^{r}	102.0^{r}	867,993^{r}	88.6	838,451^{r}	89.6
Ontario	602,303	103.0	563,510	101.1	344,419	100.6	330,106	101.4
1978-79^{r}								
Canada	1,655,192^{r}	103.5^{r}	1,552,648^{r}	101.9^{r}	865,814	89.0	835,533	89.9
Ontariop	583,938	102.9	546,087	101.2	347,760	101.3	332,820	102.0
1979-80								
Canada	1,610,327^{r}	104.1^{r}	1,508,977^{r}	102.5^{r}	854,035^{r}	89.6	822,580	90.3
Ontario	567,341	103.4	530,298	101.8	343,687	102.1	328,866	102.6
1980-81^{p}								
Canada	1,586,298	105.1	1,483,471	103.3	834,662	89.8	798,909	90.0
Ontario	559,178	104.8	521,888	103.0	340,236	103.3	322,494	103.0

1) Public, federal and private schools, including elementary and secondary students unclassified by grade (does not include schools for the handicapped).

2) Percentage of 6-13 age group population of June preceding the school year.

3) Percentage of 14-17 age group population of June preceding the school year.

Source: SC, *Education, Science and Culture Division.*

Table 6.5

Secondary School Enrolment by Age and Sex, Ontario, 1980 and 1981[1]

Age	1980			1981		
	Male	Female	Total	Male	Female	Total
11 years and under	35	25	60	44	33	77
12 years	279	311	590	285	301	586
13 years	10,683	12,672	23,355	10,137	11,887	22,024
14 years	49,563	50,470	100,033	46,412	47,263	93,675
15 years	69,264	64,766	134,030	62,292	58,488	120,780
16 years	70,333	66,133	136,466	67,703	62,995	130,698
17 years	60,481	55,443	115,924	61,300	55,624	116,924
18 years	31,948	24,557	56,505	34,292	25,749	60,041
19 years	7,215	3,585	10,800	8,042	4,157	12,199
20 years	1,625	938	2,563	1,749	1,120	2,869
21 years	541	435	976	803	492	1,295
22 and over	1,441	3,518	4,959	1,945	5,522	7,467
Total	303,408	282,853	586,261	295,004	273,631	568,635

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario.*

Table 6.6
Public School Enrolment by Year, Ontario 1970-1981[1]

	1970	1971	1972	1973	1974	1975
Junior Kindergarten	9,199	10,837	20,406	22,467	23,568	23,519
Kindergarten	103,633	95,978	91,794	89,974	92,306	95,004
Grade 1	121,801	113,032	103,309	97,929	98,329	98,636
Grade 2	117,390	115,771	107,715	98,482	95,724	92,164
Grade 3	115,377	114,629	113,067	104,876	99,662	91,650
Grade 4	112,900	112,853	112,884	111,578	108,118	95,985
Grade 5	113,482	113,106	112,431	112,180	115,182	103,760
Grade 6	111,788	113,027	112,797	112,161	115,330	111,606
Grade 7	111,283	112,770	113,472	112,962	116,956	113,136
Grade 8	105,984	108,461	109,237	109,819	112,367	109,140
Grade 9	15	-	-	2	3	-
Grade 10	5	-	-	-	-	-
Special Education	24,198	24,239	25,823	26,238	...[2]	27,025
Total	1,047,055	1,034,703	1,022,935	998,668	977,545	961,625
Increase over previous year (%)	0.4	−1.2	−1.1	−2.4	−2.1	−1.6

Table 6.6 (cont'd)

	1976	1977	1978	1979	1980	1981
Junior Kindergarten	21,277	21,181	21,042	20,804	21,873	21,883
Kindergarten	92,023	86,875	83,828	81,879	80,549	76,588
Grade 1	101,061	97,708	91,840	88,311	85,967	84,983
Grade 2	93,946	95,559	91,294	85,363	82,635	80,764
Grade 3	90,033	91,099	92,018	88,229	82,753	80,177
Grade 4	91,167	88,600	89,014	90,212	86,794	81,357
Grade 5	95,593	90,573	87,535	87,542	88,622	85,809
Grade 6	103,763	95,341	89,594	86,610	86,712	87,982
Grade 7	112,511	104,713	95,980	89,897	86,755	87,162
Grade 8	108,551	108,216	100,121	91,355	85,762	83,333
Grade 9	9	16	17	25	18	28
Grade 10	6	9	12	11	16	17
Special Education	27,352	27,887	27,859	27,703	28,380	29,091
Total	937,292	907,777	870,154	837,941	816,836	799,174
Increase over previous year (%)	−2.5	−3.1	—4.1	-3.7	−2.5	−2.2

1) As of the last school day in September.
2) Special Education for 1974 is included in enrolment by division and grade.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.7

Elementary and Secondary School Enrolment by Grade, Ontario, 1960-1981[1]

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Elementary	1,126,388	1,163,053	1,197,029	1,233,164	1,278,473	1,320,043	1,364,871	1,405,052	1,430,590	1,456,117	1,465,488
Junior Kindergarten	-	-	-	-	-	-	3,284	3,826	5,020	7,666	12,689
Kindergarten	93,193	99,033	104,325	109,297	119,170	127,982	130,720	136,233	141,784	150,669	141,776
Primary	424,233	434,492	444,068	454,485	465,001	475,326	488,509	495,352	496,659	493,993	489,954
Junior	356,753	368,340	382,447	397,172	408,974	419,851	431,736	443,249	453,384	466,039	471,649
Grade 7	115,360	118,109	119,345	122,934	129,914	134,154	139,637	142,608	145,300	149,627	153,592
Grade 8	108,261	110,487	113,414	114,751	118,523	124,476	130,126	135,333	138,862	141,622	145,888
Grade 9	10,300	11,499	10,799	11,149	10,824	10,539	10,368	11,486	10,314	9,855	9,833
Grade 10	6,511	8,039	8,263	8,223	8,741	8,006	8,314	9,550	8,347	8,516	9,009
Special Education	11,777	13,054	14,368	15,153	17,326	19,709	22,177	27,415	30,920	28,100	31,098
Secondary	262,775	299,177	331,578	364,210	395,301	418,738	436,026	463,736	500,807	530,679	556,913
Pre-grade 9[4]	-	-	-	-	-	-	-	-	-	-	-
Grade 9	88,607	100,988	103,866	103,526	105,899	110,997	117,582	124,067	131,082	135,420	153,826
Grade 10	64,783	76,290	86,012	90,817	93,453	96,299	100,710	108,789	117,425	122,181	139,961
Grade 11	47,833	52,681	61,733	70,302	77,922	80,710	83,963	88,988	98,585	105,836	116,116
Grade 12	38,697	42,266	46,776	55,731	64,418	67,282	70,625	75,214	82,371	90,956	98,837
Grade 13	18,447	21,482	23,750	26,262	32,770	37,692	35,007	36,472	40,087	43,569	48,173
Grand Total	1,389,163	1,462,230	1,528,607	1,597,374	1,673,774	1,738,781	1,800,897	1,868,788	1,931,397	1,986,796	2,022,401

Table 6.7 (cont'd)

Elementary and Secondary School Enrolment by Grade, Ontario, 1960-1981[1]

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Elementary	1,456,840	1,445,101	1,422,885	1,404,839	1,389,478	1,360.085	1,329,396	1,290,337	1,258,761	1,240,274	1,224,880
Junior Kindergarten	17,543	31,907	38,038	42,284	43,807	41,856	42,817	44,271	45,950	48,037	48,776
Kindergarten	131,605	126,012	124,029	128,157	132,315	128,891	123,581	120,650	119,629	118,733	114,182
Primary	474,626	449,755	420,826	410,749	397,052	401,687	403,194	394,285	380,164	369,402	365,462
Junior	473,823	472,483	470,979	474,815	440,763	413,238	392,228	382,525	382,252	381,841	374,301
Grade 7	156,250	158,579	158,450	163,424	158,720	158,345	149,353	137,459	129,704	125,998	127,174
Grade 8	149,608	151,396	153,775	157,542	153,470	152,746	153,006	143,537	131,665	124,730	121,480
Grade 9	11,279	11,600	13,148	15,262	15,671	15,582	16,349	17,239	17,949	18,230	18,968
Grade 10	11,301	10,680	11,215	12,606	14,281	13,100	13,709	14,588	15,432	16,105	16,462
Special Education	30,805	32,689	32,425	. . .[2]	33,399	34,640	35,159	35,783	36,016	37,198	38,075
Secondary	574,520	583,013	585,725	589,650	605,160	613,055	613,830	611,668	600,084	586,261	568,635
Pre-grade 9[3]	-	-	-	-	-	-	4,583	4,466	3,265	2,925	2,325
Grade 9	157,433	162,781	165,235	161,775	163,004	162,319	158,602	155,385	147,360	135,499	128,015
Grade 10	141,939	143,459	143,939	145,651	148,141	148,633	148,279	147,651	146,380	138,480	128,492
Grade 11	121,750	125,417	126,596	127,541	131,692	135,241	134,460	134,936	134,853	135,983	131,548
Grade 12	101,733	100,644	99,854	103,609	108,182	111,349	113,742	116,070	115,933	119,726	122,158
Grade 13	51,665	50,712	50,101	51,074	54,141	55,513	54,164	53,160	52,293	53,648	56,097
Grand Total	2,031,360	2,028,114	2,008,610	1,994,489	1,994,638	1,973,140	1,943,226	1,902,005	1,858,845	1,826,535	1,793,515

1) As of the last school day in September

2) Special Education for 1974 is included in enrolment by division and grade

3) Pre-grade 9 students are those enrolled in special secondary school programs less than two years after leaving the junior division and who are taking course-work that does not lead to credit

Source: Ministry of Education, *Education Statistics Ontario*
Reports of the Ministry of Education

Table 6.8

Private School Enrolment by Grade Level and Sex, Ontario, 1974-1981[1]

	1974			1975		
	Male	Female	Total	Male	Female	Total
Elementary	12,556	11,566	24,122	12,785	12,064	24,849
Junior Kindergarten	1,109	1,074	2,183	1,013	1,008	2,021
Kindergarten	798	738	1,536	876	792	1,668
Grade 1	1,171	1,067	2,238	1,334	1,277	2,611
Grade 2	1,140	1,067	2,207	1,205	1,106	2,311
Grade 3	1,170	1,081	2,251	1,201	1,160	2,361
Grade 4	1,200	1,148	2,348	1,232	1,110	2,342
Grade 5	1,338	1,284	2,622	1,308	1,330	2,638
Grade 6	1,355	1,277	2,632	1,404	1,392	2,796
Grade 7	1,477	1,424	2,901	1,631	1,435	3,066
Grade 8	1,517	1,309	2,826	1,533	1,419	2,952
Ungraded, Other[2]	281	97	378	48	35	83
Secondary	13,739	13,579	27,318	14,923	14,868	29,791
Grade 9	1,317	1,180	2,497	1,384	1,197	2,581
Grade 10	1,286	954	2,240	1,325	1,142	2,467
Grade 11	4,320	4,833	9,153	4,765	5,217	9,982
Grade 12	3,794	4,145	7,939	4,139	4,668	8,807
Grade 13	2,929	2,393	5,322	3,249	2,607	5,856
Ungraded, Commercial	12	12	24	2	3	5
Ungraded, Other[2]	81	62	143	59	34	93
Grand Total	26,295	25,145	51,440	27,708	26,932	54,640

Table 6.8 (cont'd)

	1976			1977		
	Male	Female	Total	Male	Female	Total
Elementary	13,203	12,449	25,652	13,674	12,771	26,445
Junior Kindergarten	1,053	974	2,027	1,062	1,060	2,122
Kindergarten	896	912	1,808	866	867	1,733
Grade 1	1,369	1,287	2,656	1,428	1,324	2,752
Grade 2	1,322	1,255	2,577	1,365	1,302	2,667
Grade 3	1,224	1,162	2,386	1,378	1,306	2,684
Grade 4	1,234	1,164	2,398	1,299	1,167	2,466
Grade 5	1,315	1,267	2,582	1,325	1,251	2,576
Grade 6	1,414	1,345	2,759	1,417	1,253	2,670
Grade 7	1,684	1,570	3,254	1,656	1,495	3,151
Grade 8	1,646	1,463	3,109	1,690	1,564	3,254
Ungraded, Other[2]	46	50	96	188	182	370
Secondary	16,200	16,827	33,027	17,078	17,727	34,805
Grade 9	1,455	1,345	2,800	1,586	1,345	2,931
Grade 10	1,366	1,194	2,560	1,410	1,278	2,688
Grade 11	5,441	6,150	11,591	5,390	6,387	11,777
Grade 12	4,489	5,104	9,593	4,992	5,656	10,648
Grade 13	3,368	3,011	6,379	3,595	2,974	6,569
Ungraded, Commercial	20	8	28	6	45	51
Ungraded, Other[2]	41	15	56	99	42	141
Grand Total	29,403	29,276	58,679	30,752	30,498	61,250

Table 6.8 (cont'd.)

Private School Enrolment by Grade Level and Sex, Ontario, 1974-1981[1]

	1978			1979		
	Male	Female	Total	Male	Female	Total
Elementary	14,458	13,081	27,539	15,154	13,819	28,973
Junior Kindergarten	1,155	1,023	2,178	1,174	1,050	2,224
Kindergarten	987	931	1,918	1,160	1,043	2,203
Grade 1	1,410	1,308	2,718	1,539	1,416	2,955
Grade 2	1,409	1,348	2,757	1,447	1,353	2,800
Grade 3	1,422	1,363	2,785	1,432	1,427	2,859
Grade 4	1,468	1,340	2,808	1,485	1,409	2,894
Grade 5	1,394	1,243	2,637	1,537	1,424	2,961
Grade 6	1,429	1,305	2,734	1,481	1,349	2,830
Grade 7	1,718	1,435	3,153	1,699	1,492	3,191
Grade 8	1,711	1,478	3,189	1,749	1,460	3,209
Ungraded, Other[2]	355	307	662	451	396	847
Secondary	17,924	18,685	36,609	19,189	19,737	38,926
Grade 9	1,624	1,433	3,057	1,621	1,404	3,025
Grade 10	1,417	1,279	2,696	1,535	1,341	2,876
Grade 11	5,672	6,587	12,259	5,976	7,067	13,043
Grade 12	5,126	5,988	11,114	5,543	6,241	11,784
Grade 13	3,987	3,314	7,301	4,337	3,582	7,919
Ungraded, Commercial	1	–	1	–	–	–
Ungraded, Other[2]	97	84	181	177	102	279
Grand Total	32,382	31,766	64,148	34,343	33,556	67,899

Table 6.8 (cont'd)

	1980			1981		
	Male	Female	Total	Male	Female	Total
Elementary	16,069	15,108	31,177	17,097	16,145	33,242
Junior Kindergarten	1,242	1,161	2,403	1,325	1,315	2,640
Kindergarten	1,409	1,422	2,831	1,494	1,488	2,982
Grade 1	1,652	1,570	3,222	1,777	1,761	3,538
Grade 2	1,503	1,479	2,982	1,644	1,585	3,229
Grade 3	1,486	1,428	2,914	1,532	1,518	3,050
Grade 4	1,450	1,529	2,979	1,552	1,514	3,066
Grade 5	1,627	1,501	3,128	1,628	1,540	3,168
Grade 6	1,661	1,561	3,222	1,696	1,623	3,319
Grade 7	1,755	1,502	3,257	2,005	1,695	3,700
Grade 8	1,746	1,569	3,315	1,819	1,562	3,381
Ungraded, Other[2]	538	386	924	625	544	1,169
Secondary	21,600	21,515	43,515	22,087	22,888	45,975
Grade 9	1,642	1,434	3,076	1,711	1,486	3,197
Grade 10	1,536	1,313	2,849	1,545	1,351	2,896
Grade 11	6,573	7,637	14,210	6,807	7,949	14,756
Grade 12	6,060	6,764	12,824	6,718	7,369	14,087
Grade 13	5,603	4,157	9,760	6,042	4,530	10,572
Ungraded, Commercial	–	–	–	–	–	–
Ungraded, Other[2]	186	210	396	264	203	467
Grand Total	37,669	36,623	74,292	40,184	39,033	79,217

1) As of the last day of school in September.

2) Elementary and secondary components have been estimated for 1978.

Source: Ministry of Education, *Education Statistics Ontario.*

Table 6.9

Roman Catholic Separate School Enrolment by Grade, Ontario, 1972-1981[1]

	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Junior Kindergarten	11,501	15,571	18,716	20,288	20,579	21,636	23,229	25,146	26,164	26,893
Kindergarten	34,218	34,055	35,851	37,311	36,868	36,706	36,822	37,750	38,184	37,594
Grade 1	38,783	37,534	37,793	39,051	40,239	39,936	39,363	39,442	40,345	40,893
Grade 2	42,027	39,397	38,418	37,460	38,674	39,974	39,819	38,917	38,962	39,749
Grade 3	44,854	42,608	40,823	38,091	37,734	38,918	39,951	39,902	38,740	38,896
Grade 4	44,349	45,039	44,017	40,209	38,406	38,135	39,078	40,072	40,109	38,756
Grade 5	44,824	44,932	46,275	43,638	40,326	38,897	38,194	39,344	40,173	40,159
Grade 6	45,198	45,089	45,893	45,565	43,983	40,682	39,110	38,472	39,431	40,238
Grade 7	45,107	45,488	46,468	45,584	45,834	44,640	41,479	39,807	39,243	40,012
Grade 8	42,159	43,956	45,175	44,330	44,195	44,790	43,416	40,310	38,968	38,147
Grade 9	11,600	13,146	15,259	15,671	15,573	16,333	17,222	17,924	18,212	18,940
Grade 10	10,680	11,215	12,606	14,281	13,094	13,700	14,576	15,421	16,089	16,445
Special Education	6,866	6,187	. . .[2]	6,374	7,288	7,272	7,924	8,313	8,818	8,984
Total	422,166	424,217	427,294	427,853	422,793	421,619	420,183	420,820	423,438	425,706
Increase over previous year (%)	0.0	0.5	0.7	0.2	−1.2	−0.3	—0.3	0.1	0.6	0.5

[1] As of the last day of school in September.

[2] Special Education for 1974 is included in the enrolment by grade.

Source: Ministry of Education, *Education Statistics Ontario.*
Reports of the Minister of Education.

Table 6.10

Enrolment of French-Speaking Students in Secondary Schools, Ontario, 1970-1981

		Pre-grade	Grade				
	Total	9[1]	9	10	11	12	13
1970	25,212	-	7,977	6,693	5,085	3,771	1,686
1971	28,018	-	8,770	7,326	5,608	4,449	1,665
1972	29,883	-	9,045	7,888	6,201	4,759	1,990
1973	30,243	-	8,807	7,788	6,679	5,033	1,936
1974	30,906	-	9,005	8,061	6,644	5,334	1,862
1975	31,392	-	8,704	8,300	6,874	5,612	1,902
1976	31,510	-	8,590	8,105	7,110	5,740	1,965
1977	30,636	225	7,984	7,824	6,853	5,892	1,858
1978	30,520	213	7,869	7,767	6,943	5,921	1,807
1979	29,555	203	7,338	7,332	6,825	6,110	1,747
1980	28,001	63	6,070	7,066	6,853	6,098	1,851
1981[2]	26,686	43	5,734	6,024	6,674	6,306	1,905

1) Students who are enrolled in special secondary school programs less then two years after leaving the junior division and who are taking course-work that does not lead to credit.

2) There are 33 French secondary schools with an enrolment of 20,483 students and 32 mixed secondary schools with 6,139 students. The net excess of 64 students reported is due to English-speaking students taking subjects in French.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.11

English-Speaking Elementary School Pupils Enrolled in French Classes[1], Ontario, 1970-1981

	Public	Roman Catholic Separate	Total Elementary
1970	363,573	150,599	514,172
1971	383,484	186,272	569,756
1972	394,435	202,391	596,826
1973	393,230	208,888	602,118
1974	399,668	213,474	613,142
1975	428,125	223,484	651,609
1976	425,214	227,560	652,774
1977	443,630	238,675	682,305
1978	441,556	249,556	691,112
1979	441,153	250,778	691,931
1980'	439,391	254,064	693,455
1981	454,750	257,968	712,718

1) Since 1973 only students taking 20 minutes or more of French per day are included.

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.12

Enrolment[1] of Registered Indians in Federal and Band Operated Schools by Grade, Canada and Ontario, Selected Years, 1960-61 to 1981-82

	Grade														
Canada	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1960-61	2,911	5,434	4,792	4,502	3,855	3,358	2,762	1,853	1,171	390	141	74	59	991	32,293
1965-66	3,093	5,461	4,772	4,331	3,881	3,477	2,644	1,914	1,289	383	203	92	38	462	32,040
1970-71	4,551	4,121	3,515	3,116	3,019	2,827	2,344	1,568	942	215	22	16	9	127	26,392
1971-72	4,985	3,905	3,581	3,113	2,910	2,813	2,462	1,638	1,086	372	44	15	9	142	27,075
1972-73	5,104	4,105	3,432	3,390	2,960	2,674	2,460	1,960	1,349	433	56	17	13	150	28,103
1973-74	6,187	4,460	3,794	3,613	3,485	2,978	2,875	2,162	1,808	630	203	46	9	303	32,553
1974-75	5,848	4,096	3,442	3,452	3,091	2,986	2,603	2,295	1,672	770	244	53	11	225	30,788
1975-76	5,883	4,191	3,821	3,524	3,270	2,960	2,812	2,284	1,765	906	426	135	69	377	32,423
1976-77	6,248	4,208	3,695	3,643	3,354	3,004	2,807	2,433	1,774	871	569	212	119	415	33,352
1977-78	6,608	4,277	3,917	3,587	3,532	3,210	2,973	2,506	2,024	976	600	288	169	384	35,051
1978-79	6,239	4,087	3,564	3,545	3,371	3,167	2,968	2,531	2,039	1,146	722	407	216	399	34,401
1979-80	6,032	3,963	3,535	3,338	3,389	3,107	3,019	2,473	2,185	1,232	724	393	198	465	34,053
1980-81	6,178	4,010	3,390	3,461	3,403	3,181	2,976	2,552	2,051	1,270	705	411	268	602	34,348
1981-82	6,544	4,056	3,509	3,352	3,533	3,214	3,066	2,682	2,179	1,250	894	476	290	614	35,659

	Grade														
Ontario	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1960-61	565	1,126	1,011	937	833	682	611	452	318	73	17	-	-	433	7,056
1965-66	684	1,169	990	961	832	666	530	388	299	40	15	12	-	126	6,712
1970-71	810	1,023	883	829	729	670	710	496	258	5	-	-	-	41	6,454
1971-72	878	972	951	807	739	655	630	523	403	27	-	-	-	56	6,641
1972-73	938	916	824	790	706	693	637	535	471	41	19	-	-	70	6,640
1973-74	1,248	907	869	832	740	688	711	566	509	40	16	-	-	98	7,224
1974-75	1,270	905	821	845	826	751	720	640	505	62	28	6	-	63	7,442
1975-76	1,206	905	849	803	782	770	713	640	579	64	24	-	-	56	7,391
1976-77	1,192	851	759	785	776	668	719	602	543	47	29	7	6	178	7,162
1977-78	1,152	935	886	759	808	753	722	616	570	67	24	5	-	132	7,429
1978-79	1,137	939	873	886	783	772	728	634	553	69	31	5	2	56	7,468
1979-80	1,087	878	845	794	846	740	693	608	567	106	45	8	1	59	7,279
1980-81	1,125	913	776	806	776	765	675	573	560	103	28	14	4	71	7,189
1981-82	1,187	925	829	744	802	754	758	662	533	74	29	6	4	100	7,407

[1] Includes enrolment of a few non-Indian students residing on Indian Reserves.

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division.

Table 6.13

Enrolment of Registered Indians in Provincial[1] and Private Schools by Grade, Canada and Ontario, Selected Years, 1960-61 to 1981-82

		Grade													
Canada	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1960-61	-	1,212	862	899	892	873	871	897	762	896	547	341	221	105	9,378
1965-66	445	2,819	2,306	2,189	2,020	2,118	2,040	1,978	1,806	2,053	1,189	672	497	498	22,630
1970-71	2,285	4,483	3,785	3,740	3,542	3,400	3,491	3,894	3,378	3,509	2,628	1,477	997	1,448	42,057
1971-72	2,722	4,465	4,024	3,728	3,628	3,589	3,361	3,782	3,575	3,671	2,806	1,666	1,031	1,338	43,386
1972-73	2,706	4,325	3,729	3,785	3,562	3,564	3,530	3,756	3,500	3,786	2,854	1,752	1,063	1,124	43,036
1973-74	2,673	3,781	3,503	3,319	3,389	3,202	3,233	3,498	3,422	3,563	2,869	1,746	1,176	1,043	40,417
1974-75	3,425	4,191	3,350	3,451	3,409	3,510	3,160	3,779	3,242	3,492	2,708	1,721	981	1,042	41,461
1975-76	2,699	3,595	3,329	3,097	3,163	3,333	3,279	3,444	3,423	3,351	2,789	1,803	1,110	979	39,394
1976-77	2,420	3,635	3,163	3,026	2,918	3,060	3,109	3,557	3,206	3,426	2,673	1,744	1,063	1,365	38,365
1977-78	2,446	3,945	3,599	3,433	3,449	3,392	3,416	4,073	3,842	3,805	2,943	2,011	1,314	1,369	43,037
1978-79	3,011	4,379	3,988	3,833	3,804	3,779	3,690	4,240	4,087	3,999	3,084	2,071	1,327	1,666	46,958
1979-80	2,843	4,192	3,912	4,084	3,835	3,828	3,772	4,430	4,015	3,942	3,241	2,142	1,440	1,508	47,184
1980-81	3,237	4,209	3,815	3,841	3,955	3,840	3,758	4,387	3,950	4,082	3,471	2,355	1,508	1,936	48,344
1981-82	2,860	3,851	3,609	3,451	3,450	3,716	3,282	3,963	3,757	3,797	3,331	2,338	1,553	1,369	44,807

		Grade													
Ontario	K	1	2	3	4	5	6	7	8	9	10	11	12 +	Special	Total
1960-61	-	206	173	167	156	192	184	170	141	293	162	93	78	51	2,066
1965-66	128	442	457	453	445	454	434	453	398	637	392	208	168	64	5,133
1970-71	335	498	426	553	519	530	552	617	562	1,016	741	356	330	388	7,423
1971-72	315	451	476	452	556	522	506	634	512	1,098	733	412	345	347	7,359
1972-73	373	557	516	584	529	588	539	633	512	1,104	853	504	323	212	7,827
1973-74	322	403	540	462	540	467	580	568	515	1,049	853	528	407	170	7,404
1974-75	451	437	422	466	502	487	474	600	503	1,122	785	494	365	193	7,301
1975-76	382	380	424	416	450	520	520	478	526	988	813	527	430	182	7,036
1976-77	318	373	373	340	338	435	421	503	441	1,029	737	520	360	194	6,382
1977-78	335	439	407	420	389	409	492	573	513	1,163	882	536	477	214	7,249
1978-79	265	339	369	382	369	362	389	553	484	1,072	844	586	475	219	6,708
1979-80	310	348	327	384	386	391	391	494	485	1,010	883	603	501	163	6,676
1980-81	318	320	313	334	380	357	392	462	446	992	820	629	507	155	6,425
1981-82	320	304	313	324	326	383	370	437	405	770	799	620	547	144	6,282

1) See the definition of publicly supported schools

Source: Department of Indian Affairs and Northern Development, Indian and Inuit Affairs Program, Statistics Division

Table 6.14

Enrolment in Schools for the Blind, Canada and Ontario, 1975-76 to 1980-81

	Total[1]	Male	Female	Partially Blind	With Multiple Handicaps	Pre-School Program Enrolment
1975-76						
Canada	551	312	239	236	218	5
Ontario	207	114	93	65	125	-
1976-77						
Canada	516	287	229	219	252	2
Ontario	214	120	94	85	134	-
1977-78						
Canada	492	275	217	220	198	6
Ontario[2]	215	119	96	85	128	-
1978-79						
Canada	464	267	197	..	..	..
Ontario	220	130	90	..	..	..
1979-80						
Canada	476	269	207	..	..	..
Ontario	229	133	96	..	..	..
1980-81						
Canada	461	276	185	..	..	..
Ontario	232	138	94	..	..	..

[1] The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf.*

Table 6.15

Enrolment in Schools for the Deaf, Canada and Ontario[1], 1975-76 to 1980-81

	Total[2]	Male	Female	Partially Deaf	With Multiple Handicaps	Pre-School Program Enrolment
1975-76						
Canada	3,232	1,818	1,414	578	586	319
Ontario[2]	1,142	651	491	127	251	82
1976-77						
Canada	3,167	1,774	1,393	478	626	331
Ontario	1,095	619	476	87	357	108
1977-78						
Canada	2,923	1,669	1,254	427	659	309
Ontario	1,021	586	435	69	381	96
1978-79						
Canada	2,941	1,659	1,282	..	..	..
Ontario	997	571	426	..	..	..
1979-80						
Canada	2,852	1,624	1,228	..	..	..
Ontario	969	565	404	..	..	..
1980-81						
Canada	2,792	1,572	1,220	..	..	..
Ontario	929	535	394	..	..	..

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[1] Includes data for Metropolitan School for the Deaf and Clairlea School for the Deaf which in Table 6.1 are included in Public Schools.

[2] The total number of enrolments is not equal to the breakdown of enrolment into different types of handicaps included on the right hand side of the table.

Source: SC, *Enrolment and Staff in Schools for the Blind and the Deaf.*

Table 6.16

Enrolment[1] in French as Second Language[3], Canada and Ontario, 1973-74 to 1980-81

		Canada[2]	Ontario
1973-74	Elementary	839,589[r]	596,920
	Secondary	613,775	202,729
	Total	1,453,364[r]	799,649
1974-75	Elementary	873,694[r]	609,562
	Secondary	589,709	189,426
	Total	1,463,403[r]	798,988
1975-76	Elementary	889,053[r]	622,520
	Secondary	608,219[r]	214,073
	Total	1,497,272[r]	836,593
1976-77	Elementary	903,477[r]	633,668[r]
	Secondary	606,476[r]	218,516
	Total	1,509,953[r]	852,184[r]
1977-78	Elementary	946,383[r]	662,900[r]
	Secondary	592,663[r]	220,369
	Total	1,539,046[r]	883,269[r]
1978-79	Elementary	975,632[r]	670,240[r]
	Secondary	603,974[r]	226,595
	Total	1,579,606[r]	896,835[r]
1979-80	Elementary	981,617[r]	671,100[r]
	Secondary	582,239[r]	215,771
	Total	1,563,856[r]	886,871[r]
1980-81[p]	Elementary	971,928	674,936
	Secondary	578,378	201,511
	Total	1,550,306	876,447

1) Public schools only except in some provinces which include private schools from 1973-1975.
2) Total for nine provinces, excluding Québec, where English is the Second Language.
3) From 1976-77 French immersion enrolment is included.

Source: SC, *Education, Science and Culture Division.*

Table 6.17

Adult Training[1] Enrolment at Colleges of Applied Arts and Technology, Ontario, 1973-1981

	Adult Training, Full-Time	Adult Training, Part-Time	Training in Business and Industry	Management Development Program[r]
1973	16,143	2,084	5,106	8,835
1974	16,340	4,264	3,969	10,973
1975	18,168	4,668	4,133	11,835
1976	19,237	3,026	4,043	10,056
1977	18,011	2,197	3,675	11,227
1978	16,793	2,153	3,632	9,023[2]
1979	16,779	1,907	3,641	10,754
1980	20,112[3]	2,535[4]	2,761	13,989
1981	20,365[5]	2,510[6]	3,553	15,372

1) These programs run on a continuous intake basis. The figures shown here represent the number of persons active in these programs at the end of each fiscal year (March 31), except for Management Development Program where figures represent accumulated registrations in the fiscal year (April-March).
2) Excludes college-prepared courses.
3) Includes 5,608 fee payers.
4) Includes 1,982 fee payers.
5) Includes 6,275 fee payers.
6) Includes 1,876 fee payers.

Source: Ministry of Education, College Affairs Branch.

Table 6.18

Industrial Training Branch Major Program Statistics, Ontario, 1973-74 to 1981-82

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
Apprenticeship Program:									
New Contract Registrations	8,429	9,556	9,235	9,722	9,818	9,909	10,709	11,011	11,077
Completions	4,238	3,850	4,485	4,775	4,976	5,818	5,422	3,823	1,358
Cancellations	3,668	3,043	3,032	3,826	2,563	3,558	4,285	1,994	3,023
Year-end Active Apprentices	21,832	24,497	26,215	27,336	29,615	30,148	31,150	36,344	42,484
Full-time School Enrolment[1]	10,994	12,178	13,288	15,351	16,023	15,811[2]	16,248[3]	15,961[4]	15,849
Certification Program:									
Initial Certificates	15,557	12,776	9,961	9,089	9,400	10,044	16,259	20,716	15,091
Renewals Issued	59,864	65,025	64,973	67,310	66,478	70,657	69,986	58,583	27,493
Year-end Certificate Holders	168,582	177,489	183,227	188,212	193,263	197,794	209,560[1]	206,853	231,507

1) All figures cover five intakes each year – April, September, October, January, and February.
2) Consisting of 5 intakes as follows: 1978 – April intake, 2,907, September intake 3,199, October intake 2,981
1979 – January intake 3,616, February intake 3,108.
3) Consisting of 5 intakes as follows: 1979 – April intake 2,845, September intake 3,218 October intake 3,153
1980 – January intake 3,777, March intake 3,255.

4) Consisting of 5 intakes as follows: 1980 – April intake 2,828, September intake 3,114, October intake 3,096
1981 – January intake 3,729, March intake 3,194.

Source: Ministry of Colleges and Universities, Manpower Training Branch.

Table 6.19

University Enrolment, by Sex, Canada and Ontario, 1975-76 to 1980-81

Canada		1975-76	1976-77	1977-78	1978-79	1979-80	1980-81[p]
Full-time Undergraduate[1]	M	190,410	189,141	185,437	179,976	179,993	183,623
	F	140,127	146,725	148,063	146,842	149,921	156,103
	T	330,537	335,866	333,500	326,818	329,914	339,726
Full-time Graduate	M	28,242	28,205	27,713	27,448	26,774	27,229
	F	11,637	12,435	12,972	13,707	14,671	15,599
	T	39,879	40,640	40,685	41,155	41,445	42,828
Total Full-time	M	218,652	217,346	213,150	207,424	206,767	210,852
	F	151,764	159,160	161,035	160,549	164,592	171,702
	T	370,416	376,506	374,185	367,973	371,359	382,554
Part-time Undergraduate[1]	M	72,287	71,030	76,966	77,475	80,781	84,971
	F	86,007	92,242	106,095	109,216	118,471	128,041
	T	158,294	163,272	183,061	186,691	199,252	213,012
Part-time Graduate	M	18,878	18,690	18,658	18,956	19,299	19,613
	F	8,082	8,995	9,973	10,694	11,315	12,435
	T	26,960	27,685	28,631	29,650	30,614	32,048
Total Part-time	M	91,165	89,720	95,624	96,431	100,080	104,584
	F	94,089	101,237	116,068	119,910	129,786	140,476
	T	185,254	190,957	211,692	216,341	229,866	245,060
Total Undergraduate[1]	M	262,697	260,171	262,403	257,451	260,774	268,594
	F	226,134	238,967	254,158	256,058	268,392	284,144
	T	488,831	499,138	516,561	513,509	529,166	552,738
Total Graduate	M	47,120	46,895	46,371	46,404	46,073	46,842
	F	19,719	21,430	22,945	24,401	25,986	28,034
	T	66.839	68,325	69,316	70,805	72,059	74,876
Grand Total	M	309,817	307,066	308,774	303,855	306,847	315,436
	F	245,853	260,397	277,103	280,459	294,378	312,178
	T	555,670	567,463	585,877	584,314	601,225	627,614
		Number of university students enrolled for a non-university type diploma[2]					
Full-time Non-university Level	M	1,558	1,625	1,560	1,405	1,337	1,262
	F	565	440	435	397	419	361
	T	2,123	2,065	1,995	1,802	1,756	1,623
Part-time Non-university Level	M	470	847	1,366	1,035	1,059	1,000
	F	974	1,179	2,283	1,199	1,477	1,403
	T	1,444	2,026	3,649	2,234	2,536	2,403

Table 6.19 (cont'd.)

University Enrolment, by Sex, Canada and Ontario, 1975-76 to 1980-81

Ontario		1975-76	1976-77	1977-78	1978-79	1979-80	1980-81^{p}
Full-time Undergraduate	M	81,387	81,520	78,294	75,380	75,581	77,553
	F	60,454	64,331	63,172	61,402	61,746	65,038
	T	141,841	145,851	141,466	136,782	137,327	142,591
Full-time Graduate	M	12,647	12,671	12,166	11,830	11,204	11,194
	F	5,213	5,463	5,590	5,784	6,073	6,371
	T	17,860	18,134	17,756	17,614	17,277	17,565
Total Full-time	M	94,034	91,191	90,460	87,210	86,785	88,747
	F	65,667	69,794	68,762	67,186	67,819	71,409
	T	159,701	163,985	159,222	154,396	154,604	160,156
Part-time Undergraduate	M	26,907	24,833	27,770	27,907	29,235	30,201
	F	35,208	35,933	38,859	40,051	43,142	45,440
	T	62,115	60,766	66,629	67,958	72,377	75,641
Part-time Graduate	M	8,828	8,700	8,266	7,906	7,781	7,572
	F	3,145	3,768	4,110	4,272	4,342	4,534
	T	11,973	12,468	12,376	12,178	12,123	12,106
Total Part-time	M	35,735	33,533	36,036	35,813	37,016	37,773
	F	38,353	39,701	42,969	44,323	47,484	49,974
	T	74,088	73,234	79,005	80,136	84,500	87,747
Total Undergraduate	M	108,294	106,353	106,064	103,287	104,816	107,754
	F	95,662	100,264	102,031	101,453	104,888	110,478
	T	203,956	206,617	208,095	204,740	209,704	218,232
Total Graduate	M	21,475	21,371	20,432	19,736	18,985	18,766
	F	8,358	9,231	9,700	10,056	10,415	10,905
	T	29,833	30,602	30,132	29,792	29,400	29,671
Grand Total	M	129,769	127,724	126,496	123,023	123,801	126,520
	F	104,020	109,495	111,731	111,509	115,303	121,383
	T	233,789	237,219	238,227	234,532	239,104	247,903
		Number of university students enrolled for a non-university type diploma[2]					
Full-time Non-university Level[3]	M	763	746	728	678	645	768
	F	129	154	149	155	198	196
	T	892	900	877	833	843	964
Part-time Non-university Level	M	32	19	19	49	29	18
	F	41	26	29	63	29	30
	T	73	45	48	112	58	48

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1) Excludes university transfer and CEGEP academic students, but includes students enrolled for a non-university type diploma.

2) Included with the full-time undergraduate and part-time undergraduate figures.

Source: SC, *Education, Science and Culture Division*.

Table 6.20

Total Enrolment at University by Institution, Ontario, 1980 and 1981[1]

	Undergraduate[2]			Graduate[3]		
1980	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,135	2,167	4,302	53	448	501
Carelton	7,324	5,289	12,613	974	795	1,769
Guelph	8,647	784	9,431	614	134	748
Lakehead	2,581	1,306	3,887	97	122	219
Laurentian	2,726	3,492	6,218	83	109	192
McMaster	8,880	2,931	11,811	1,147	690	1,837
Ottawa	9,885	5,297	15,182	1,188	1,698	2,886
Queen's	9,376	2,434	11,810	1,053	531	1,584
Toronto	27,731	9,352	37,083	5,354	4,223	9,577
Trent	2,137	1,076	3,213	38	12	50
Waterloo	13,127	3,902	17,029	1,146	619	1,765
Western	14,906	3,993	18,899	1,650	744	2,394
Wilfrid Laurier	3,011	2,488	5,499	267	213	480
Windsor	5,553	3,582	9,135	524	494	1,018
York	10,499	9,842	20,341	1,218	1,279	2,497
Dominican	58	171	229	12	18	30
Sub-total	128,576	58,106	186,682	15,418	12,129	27,547
O.C.A.	1,227	1,206	2,433	–	–	–
Ryerson	9,171	8,869	18,040	–	–	–
Total	138,974	68,181	207,155	15,418	12,129	27,547

Table 6.20 (cont'd.)

Total Enrolment at University by Institution, Ontario, 1980 and 1981[1]

	Undergraduate[2]			Graduate[3]		
1981	Full-time Degree	Part-time	Total	Full-time	Part-time	Total
Brock	2,581	3,422	6,003	61	475	536
Carelton	7,818	4,397	12,215	925	832	1,757
Guelph	8,996	1,328	10,324	700	149	849
Lakehead	2,876	1,401	4,277	115	168	283
Laurentian	2,887	3,999	6,886	88	190	278
McMaster	9,382	2,843	12,225	1,147	824	1,971
Ottawa	10,801	5,917	16,718	1,396	1,521	2,917
Queen's	9,999	2,935	12,934	1,260	444	1,704
Toronto	29,791	12,240	42,031	5,017	3,840	8,857
Trent	2,254	1,152	3,406	37	4	41
Waterloo	14,624	5,168	19,792	1,256	485	1,741
Western	16,928	5,750	22,678	1,752	751	2,503
Wilfrid Laurier	3,790	2,803	6,593	272	258	530
Windsor	6,801	3,513	10,314	643	456	1,099
York	11,678	11,994	23,672	1,439	1,442	2,881
Dominican	63	78	141	9	15	24
Sub-total	141,269	68,940	210,209	16,117	11,854	27,971
O.C.A.	1,344	1,633	2,977	–	–	–
Ryerson	9,247	9,777	19,024	–	–	–
Total	151,860	80,350	232,210	16,117	11,854	27,971

1) Enrolment in fall term.
2) Includes students in non-university type programs.
3) Ottawa includes affiliates, St. Paul and St. Augustine.
4) In 1978, Regis College became affiliated with the University of Toronto and its enrolment is now reported under that institution. 1977 data has been adjusted to reflect this inclusion. Also all Toronto figures include OISE.
5) Figures shown for Dominican College include only students on the Ontario campus of this Institution.

Source: Ministry of Education, University Student Information System (USIS) 1101 0001 (1-4).

Table 6.21
Full-Time Post-Secondary Enrolment at Colleges of Applied Arts and Technology, Ontario, 1980-81 to 1981-82

	1980-81					1981-82				
	Applied Arts	Business	Technology	Health	Total	Applied Arts	Business	Technology	Health	Total
Algonquin	1,758	2,292	2,288	777	7,115	1,672	2,345	2,296	805	7,118
Cambrian	657	884	581	223	2,345	603	860	653	263	2,379
Canadore	224	744	293	216	1,477	293	854	304	218	1,669
Centennial	943	2,169	1,305	275	4,692	951	2,251	1,367	320	4,889
Conestoga	631	896	699	469	2,695	549	895	704	501	2,649
Confederation	474	597	341	170	1,582	544	667	424	185	1,820
Durham	238	824	363	260	1,685	271	936	378	293	1,878
Fanshawe	1,645	1,391	1,411	776	5,223	1,666	1,338	1,413	810	5,227
George Brown	948	1,035	1,028	926	3,937	981	1,116	1,175	953	4,225
Georgian	593	695	481	465	2,234	632	682	483	408	2,205
Humber	2,414	2,697	1,268	724	7,103	2,493	3,023	1,378	790	7,684
Lambton	219	370	378	123	1,090	211	443	432	145	1,231
Loyalist	522	398	404	162	1,486	573	550	470	182	1,775
Mohawk	610	1,594	1,752	870	4,826	526	1,488	1,763	746	4,523
Niagara	974	1,011	614	384	2,983	1,053	1,058	645	385	3,141
Northern	127	380	546	120	1,173	125	397	609	142	1,273
St. Clair	715	1,533	980	692	3,920	780	1,543	955	714	3,992
St. Lawrence	970	1,281	667	587	3,505	1,039	1,426	751	604	3,820
Sault	177	430	707	95	1,409	157	426	718	109	1,410
Seneca	1,547	3,845	1,510	444	7,346	1,534	4,275	1,577	499	7,885
Sheridan	2,447	1,957	640	264	5,308	2,447	2,075	706	253	5,481
Sir Sanford Fleming	350	745	1,386	130	2,611	378	893	1,555	142	2,968
Total	19,183	27,768	19,642	9,152	75,745	19,478	29,541	20,756	9,467	79,242

Source: O.C.I.S. Student System Report

Table 6.22

Full-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1978-79 to 1980-81

		1978-79		1979-80		1980-81ᵖ	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	1,993	704	1,981	707	1,997	725
	F	896	325	968	388	1,105	433
	T	2,889	1,029	2,949	1,095	3,102	1,158
Education	M	1,874	454	1,767	418	1,795	454
	F	1,897	579	2,125	672	2,187	706
	T	3,771	1,033	3,892	1,090	3,982	1,160
Engineering and Applied Sciences	M	3,065	1,311	2,941	1,187	3,337	1,386
	F	260	110	294	113	353	151
	T	3,325	1,421	3,235	1,300	3,690	1,537
Fine and Applied Arts	M	372	113	394	122	465	137
	F	418	133	452	135	528	165
	T	790	246	846	257	993	302
Health Professions and Occupations	M	4,495	2,081	4,539	2,124	4,649	2,131
	F	2,032	878	2,332	1,035	2,414	1,076
	T	6,527	2,959	6,871	3,159	7,063	3,207
Humanities and Related Arts	M	3,798	1,897	3,505	1,535	3,338	1,457
	F	3,148	1,401	3,267	1,324	3,244	1,277
	T	6,946	3,298	6,772	2,859	6,582	2,734
Mathematics and the Physical Sciences	M	3,037	1,305	3,088	1,336	3,035	1,245
	F	516	216	544	222	609	228
	T	3,553	1,521	3,632	1,558	3,644	1,473
Social Sciences and Related Studies	M	8,524	3,871	8,336	3,677	8,399	3,588
	F	4,424	2,111	4,600	2,146	5,013	2,285
	T	12,948	5,982	12,936	5,823	13,412	5,873
Unclassified by Program	M	290	94	223	98	214	71
	F	116	31	89	38	146	50
	T	406	125	312	136	360	121
Total	M	27,448	11,830	26,774	11,204	27,229	11,194
	F	13,707	5,784	14,671	6,073	15,599	6,371
	T	41,155	17,614	41,445	17,277	42,828	17,565

Source: SC, *Education, Science and Culture Division.*

Table 6.23

Part-Time Graduate Enrolment by Field of Study and Sex, Canada and Ontario, 1978-79 to 1980-81

		1978-79		1979-80		1980-81ᵖ	
		Canada	Ontario	Canada	Ontario	Canada	Ontario
Agricultural and Biological Sciences	M	485	142	440	132	446	165
	F	223	54	242	59	239	54
	T	708	196	682	191	685	219
Education	M	4,786	1,841	4,645	1,770	4,760	1,660
	F	4,290	1,627	4,585	1,704	5,025	1,777
	T	9,076	3,468	9,230	3,474	9,785	3,437
Engineering and Applied Sciences	M	2,027	989	2,278	1,031	2,257	1,034
	F	134	48	160	58	179	84
	T	2,161	1,037	2,438	1,089	2,436	1,118
Fine and Applied Arts	M	108	33	119	33	159	44
	F	172	51	183	63	218	49
	T	280	84	302	96	377	93
Health Professions and Occupations	M	329	147	350	186	336	159
	F	414	195	414	216	455	214
	T	743	342	764	402	791	373
Humanities and Related Arts	M	2,177	1,018	2,070	930	1,745	770
	F	1,916	925	1,912	813	1,917	764
	T	4,093	1,943	3,982	1,743	3,662	1,534
Mathematics and the Physical Sciences	M	1,006	398	1,025	403	1,033	391
	F	201	85	197	78	191	72
	T	1,207	483	1,222	481	1,224	463
Social Sciences and Related Studies	M	6,960	2,978	7,436	3,001	7,757	3,070
	F	2,843	1,103	3,087	1,177	3,526	1,342
	T	9,803	4,081	10,523	4,178	11,283	4,412
Unclassified by Program	M	1,078	360	936	295	1,120	279
	F	501	184	535	174	685	178
	T	1,579	544	1,471	469	1,805	457
Total	M	128,956	7,906	19,299	7,781	19,613	7,572
	F	10,694	4,272	11,315	4,342	12,435	4,534
	T	29,650	12,178	30,614	12,123	32,048	12,106

Source: SC, *Education, Science and Culture Division.*

Table 6.24

Diplomas and Certificates Awarded by Community Colleges and Related Institutions, by Type of Institution and Sex, Canada and Ontario, 1967-68 to 1979-80

	Total			Career Programs			University Transfer Programs		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1967-68									
Canada	9,723	17,694	27,417	9,723	17,694	27,417	–	–	–
Ontario	3,757	8,266	12,023	3,757	8,266	12,023	–	–	–
1968-69									
Canada	14,415	20,391	34,806	12,472	19,550	32,022	1,943	841	2,784
Ontario	6,101	9,841	15,942	6,101	9,841	15,942	–	–	–
1969-70									
Canada	15,870	22,762	38,632	12,070	20,062	32,132	3,800	2,700	6,500
Ontario	6,428	10,703	17,131	6,428	10,703	17,131	–	–	–
1970-71									
Canada	18,006^r	25,627^r	43,633^r	12,177^r	21,043^r	33,220^r	5,829^r	4,584^r	10,413^r
Ontario	6,967	12,715	19,682	6,967	12,715	19,682	–	–	–
1971-72									
Canada	21,834^r	25,875^r	47,709^r	13,759^r	20,117^r	33,876^r	8,075^r	5,758^r	13,833^r
Ontario	6,427	10,169	16,596	6,427	10,169	16,596	–	–	–
1972-73									
Canada	23,024^r	27,028^r	50,052^r	14,634^r	20,584^r	35,218^r	8,390^r	6,444^r	14,834^r
Ontario	6,802	10,580	17,382	6,802	10,580	17,382	–	–	–
1973-74									
Canada	24,529^r	28,855^r	53,384^r	15,535^r	21,458^r	36,993^r	8,994^r	7,397^r	16,391^r
Ontario	6,765	9,700	16,465	6,765	9,700	16,465	–	–	–
1974-75									
Canada	24,228^r	30,120^r	54,348^r	14,491^r	21,608^r	36,099^r	9,737^r	8,512^r	18,249^r
Ontario	6,083	9,319	15,402	6,083	9,319	15,402	–	–	–
1975-76									
Canada	25,101^r	31,554^r	56,655^r	15,252^r	23,082^r	38,334^r	9,849^r	8,472^r	18,321^r
Ontario	6,726^r	10,165^r	16,891^r	6,726^r	10,165^r	16,891^r	–	–	–
1976-77									
Canada	26,679^r	34,008^r	60,687^r	15,652^r	24,051^r	39,703^r	11,027^r	9,957^r	20,984^r
Ontario	6,856	10,728	17,584	6,856	10,728	17,584	–	–	–
1977-78									
Canada	28,987^r	35,904^r	64,891^r	17,123^r	25,013^r	42,136^r	11,864^r	10,891^r	22,755^r
Ontario	7,085	10,475	17,560	7,085	10,475	17,560	–	–	–
1978-79									
Canada	29,946^r	37,937^r	67,883^r	18,104^r	26,376^r	44,480^r	11,842^r	11,561^r	23,403^r
Ontario	7,426^r	10,834^r	18,260^r	7,426^r	10,834^r	18,260^r	–	–	–
1979-80^p									
Canada	28,129	36,356	64,485	18,801	26,975	45,776	9,328	9,381	18,709
Ontario	8,068	11,788	19,856	8,068	11,788	19,856	–	–	–

Source: SC, *Education, Science and Culture Division*.

Table 6.25

Secondary School Student Certificates and Diplomas Ontario, 1975-1981

	1975	1976	1977	1978	1979	1980	1981
Certificate of Training[1]	5,021	4,889	5,175	5,598	5,330	5,708	5,395
Graduation Diploma							
Secondary Schools	86,690	90,891	92,151	93,137	98,248	97,779	102,924
Private Schools	7,565	7,478	8,641	9,704	9,721	10,085	11,015
Honours Graduation Diploma							
Secondary Schools	35,948	36,868	37,495	36,370	35,864	36,112	36,591
Private Schools	4,912	5,355	5,633	5,806	6,386	7,234	8,785

1) Issued to students who have successfully completed a secondary school program of occupational education of one, two or three years duration.

Source: Ministry of Education, *Education Statistics, Ontario*
Reports of the Minister of Education

Table 6.26

Teacher Graduates by Faculty, Grade and Division, Ontario, 1981[1]

	K-6	4-8	K-10	4-10	7-13				
Faculty	Primary/ Junior	Junior/ Intermediate (elementary)	Primary/ Junior/ Intermediate	Junior/ Intermediate	Intermediate/ Senior	Techno- logical Studies	Total[3]	Special Education	TFSL[2]
Brock	117	. . .	. . .	116	23	. . .	256	105	29
Lakehead	33	. . .	. . .	20	52	. . .	105	–	5
Laurentian (French)	26	6	. . .	17	. . .	. . .	49	14	12
Nipissing	48	. . .	. . .	41	. . .	. . .	89	51	19
Ottawa (English)	82	. . .	. . .	43	10	. . .	135	82	17
Ottawa (French)	52	. . .	. . .	1	75	11	139	31	72
Queens	167	. . .	. . .	95	227	22	511	191	36
Toronto	314	. . .	. . .	273	590	47	1,224	157	130
Western	265	. . .	. . .	53	343	75	736	51	56
Windsor	60	. . .	. . .	34	38	. . .	132	24	23
York	40	–	22	12	35	. . .	109	45	13
Total	1,204	6	22	705	1,393	155	3,485	751	412

1) As of June.
2) Teaching French as a Second Language.
3) The faculty totals, as well as distribution by grade and division, include Special Education and TFSL.

Source: Ministry of Education, *Education Statistics, Ontario*

Table 6.27

Graduates of Colleges of Applied Arts and Technology, Ontario, 1975-76 to 1980-81

		Applied Arts	Business	Technology	Health	Total
1975-76	Male	1,480	1,585	3,028	275	6,368
	Female	3,139	3,009	238	4,265	10,651
	Total	4,619	4,594	3,266	4,540	17,019
1976-77	Male	1,477	1,670	3,204	353	6,704
	Female	3,281	3,457	314	4,622	11,674
	Total	4,758	5,127	3,518	4,975	18,378
1977-78	Male	1,426	1,680	3,361	379	6,846
	Female	3,417	3,746	376	3,819	11,358
	Total	4,843	5,426	3,737	4,198	18,204
1978-79	Male	1,432	1,737	3,633	399	7,201
	Female	3,569	4,302	463	3,539	11,873
	Total	5,001	6,039	4,096	3,938	19,074
1979-80	Male	1,466	2,079	3,971	393	7,909
	Female	3,865	4,993	462	3,656	12,976
	Total	5,331	7,072	4,433	4,049	20,885
1980-81	Male	1,599	2,309	4,261	496	8,665
	Female	4,107	5,492	592	3,724	13,915
	Total	5,706	7,801	4,853	4,220	22,580

Source: O.C.I.S. *Student System Reports (Special)*

Table 6.28

University Degrees Awarded by Sex, Canada and Ontario, 1972 to 1982[1]

	Bachelor's and First Professional Degrees			Master's Degrees			Doctoral Degrees[2]		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972									
Canada	43,873^r	28,543^r	72,416^r	7,715^r	2,543^r	10,258^r	1,564	160	1,724
Ontario	17,519	10,532	28,051	4,187	1,301	5,488	772	79	851
1973									
Canada	42,565	28,099	70,664	7,757^r	2,846^r	10,603^r	1,712	217	1,929
Ontario	18,032	11,702	29,734	3,849	1,533	5,382	813	97	910
1974									
Canada	43,784	31,067	74,851	7,426	2,770	10,196	1,662	234	1,896
Ontario	18,364	13,322	31,686	3,853	1,428	5,281	800	134	934
1975									
Canada	44,904^r	35,850^r	80,754^r	7,950	3,118	11,068	1,544	296	1,840
Ontario	19,771	16,742	36,513	4,271	1,589	5,860	774	132	906
1976									
Canada	44,746^r	38,546^r	83,292^r	8,030	3,525	11,555	1,375	318	1,693
Ontario	20,150	18,761	38,911	4,297	1,790	6,087	716	163	879
1977									
Canada	45,699	41,657	87,356	8,498	3,877	12,375	1,396	306	1,702
Ontario	20,128	20,150	40,278	4,408	2,007	6,415	691	184	875
1978									
Canada	46,011	43,271	89,282	8,486	4,151	12,637	1,488	331	1,819
Ontario	19,536	20,178	39,714	4,185	2,063	6,248	752	156	908
1979									
Canada	44,302	42,828	87,130	7,903	4,448	12,351	1,434	369	1,803
Ontario	18,522	19,219	37,741	3,923	2,182	6,105	748	184	932
1980									
Canada	43,525^r	42,718^r	86,243^r	7,778^r	4,654^r	12,432^r	1,339^r	399^r	1,738^r
Ontario	17,819^r	18,414^r	36,233^r	3,763^r	2,279^r	6,042^r	638^r	198^r	836
1981[3]									
Canada	43,150^r	42,200^r	85,350^r	7,810^r	4,720^r	12,530^r	1,300^r	430^r	1,730^r
Ontario	17,400^r	17,600^r	35,000^r	3,680^r	2,260^r	5,940^r	600^r	210^r	810^r
1982[3]									
Canada	43,320	42,360	85,680	8,010	4,840	12,850	1,280	440	1,720
Ontario	17,500	17,600	35,100	3,730	2,290	6,020	580	220	800

1) Academic years ending 1972 and 1973, calendar years thereafter.

2) Degrees refer to earned doctorates.

3) Projections.

Source: SC, *Education, Science, and Culture Division.*

Table 6.29

Schools, Teachers and Enrolment in French-Language Elementary Schools, Ontario, 1960-1981[1]

	Public			Roman Catholic Separate			Total Elementary		
	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment	Schools	Full-time Teachers	Enrolment
1960	58	142	3,673	509	2,651	80,312	567	2,793	83,985
1961	52	139	3,579	505	2,753	82,568	557	2,892	86,147
1962	41	127	3,186	491	2,833	84,841	532	2,960	88,027
1963	39	123	3,088	461	2,908	85,450	500	3,031	88,538
1964	30	107	2,700	443	3,049	87,610	473	3,156	90,310
1965	16	90	2,354	409	3,136	88,241	425	3,226	90,595
1966	14	92	2,455	389	3,595	90,771	403	3,687	93,226
1967	13	91	2,459	372	3,760	92,145	385	3,851	94,604
1968	11	89	2,336	335	3,490	87,858	346	3,579	90,194
1969	9	89	2,354	320	3,679	88,043	329	3,768	90,397
1970	9	92	2,236	324	3,682	87,989	333	3,774	90,225
1971	9	85	2,074	314	3,684	85,422	323	3,769	87,496
1972	8	81	1,961	305	3,643	83,278	313	3,724	85,239
1973	9	86	2,103	290	3,516	80,502	299	3,602	82,605
1974	9	100	2,418	293	3,383	77,764	302	3,483	80,182
1975	10	95	2,299	295	3,426	75,125	305	3,521	77,424
1976	9	96	2,289	291	3,261	72,300	300	3,357	74,589
1977	12	107	2,435	284	3,198	70,018	296	3,305	72,453
1978	12	122	2,761	285	3,142	67,612	297	3,264	70,373
1979[2]	13	120	2,924	284	3,052	65,622	297	3,172	68,546
1980[2]	13	125	3,016	282	2,882	64,843	295	3,007	67,859
1981[2]	13	129	3,170	282	2,905	64,418	295	3,034	67,588

1) As of the last school day in September.

2) Excludes teachers in mixed elementary schools. There were 14 mixed schools in 1981

Source: Ministry of Education, *Education Statistics, Ontario.*
Reports of the Minister of Education.

Table 6.30

Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981

1980[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Total Elementary	3,925	52,653	637,690	602,584	1,240,274
Brant	55	581	7,287	6,904	14,191
Bruce	32	389	5,031	4,677	9,708
Dufferin	11	220	2,628	2,429	5,057
Elgin	29	464	5,301	5,106	10,407
Essex	141	2,162	24,879	23,588	48,467
Frontenac	57	649	7,316	6,844	14,160
Grey	30	464	5,241	4,850	10,091
Hastings	64	673	7,879	7,461	15,340
Huron	34	366	4,062	3,942	8,004
Kent	52	693	8,442	7,859	16,301
Lambton	64	801	9,492	9,007	18,499
Lanark	21	292	3,142	3,061	6,203
Leeds & Grenville	45	477	5,698	5,221	10,919
Lennox & Addington	20	226	2,690	2,462	5,152
Middlesex	110	1,642	22,358	21,028	43,386
Municipality of Metropolitan Toronto	705	11,579	140,366	133,822	274,188
Northumberland	35	385	4,802	4,538	9,340
Oxford	49	479	6,199	5,762	11,961
Perth	33	375	4,698	4,288	8,986
Peterborough	50	562	7,383	6,935	14,318
Prescott & Russell	32	402	4,246	4,114	8,360
Prince Edward	10	115	1,345	1,340	2,685
Provisional County of Haliburton	7	64	741	643	1,384
Regional Muncipality of Durham	112	1,762	22,431	21,080	43,511
Regional Municipality of Haldimand-Norfolk	53	510	6,409	6,006	12,415
Regional Municipality of Halton	100	1,470	19,674	18,473	38,147
Regional Municipality of Hamilton-Wentworth	169	2,389	29,836	28,459	58,295
Regional Municipality of Niagara	210	2,151	27,995	26,283	54,278
Regional Municipality of Ottawa-Carleton	226	3,415	38,400	35,811	74,211
Regional Municipality of Peel	183	3,435	42,129	40,273	82,402
Regional Municipality of Sudbury	104	1,190	14,669	13,924	28,594
Regional Municipality of Waterloo	145	1,969	23,891	22,473	46,364
Regional Municipality of York	99	1,581	19,366	18,145	37,511
Renfrew	58	553	6,701	6,440	13,141
Simcoe	110	1,381	17,250	16,095	33,345
Stormont, Dundas & Glengarry	78	661	7,507	7,019	14,526
Victoria	22	288	3,209	3,056	6,265
Wellington	68	765	9,594	9,079	18,673
Total, Counties	3,423	47,580	580,287	548,497	1,128,784

Table 6.30 (cont'd.)

Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981

1980[1]	Schools	Full-time Teachers	Enrolment Male	Enrolment Female	Enrolment Total
Elementary (cont'd.)					
Algoma	95	968	11,362	10,862	22,224
Cochrane	70	806	8,797	8,176	16,973
District Municipality of Muskoka	17	220	2,356	2,307	4,663
Kenora	40	365	4,090	3,758	7,848
Manitoulin	6	54	601	577	1,178
Nipissing	59	588	6,961	6,377	13,338
Parry Sound	22	225	2,399	2,144	4,543
Rainy River	22	176	1,920	1,818	3,738
Sudbury	35	313	3,316	3,153	6,469
Timiskaming	35	333	3,408	3,170	6,578
Thunder Bay	101	1,025	12,193	11,745	23,938
Total, Districts	502	5,073	57,403	54,087	111,490
Total Secondary	639	33,840	303,408	282,853	586,261
Brant	6	383	3,514	3,199	6,713
Bruce	7	203	1,763	1,886	3,649
Dufferin	2	146	1,290	1,238	2,528
Elgin	5	264	2,407	2,317	4,724
Essex	20	1,220	10,589	9,819	20,408
Frontenac	8	431	4,094	3,753	7,847
Grey	5	299	2,774	2,571	5,345
Hastings	8	466	4,286	3,819	8,105
Huron	5	247	2,120	2,115	4,235
Kent	10	450	3,885	3,715	7,600
Lambton	8	458	4,050	3,806	7,856
Lanark	4	202	1,807	1,709	3,516
Leeds & Grenville	7	349	3,183	3,003	6,186
Lennox & Addington	3	152	1,333	1,445	2,778
Middlesex	21	1,238	11,377	10,275	21,652
Municipality of Metropolitan Toronto	153	7,582	68,307	62,893	131,200
Northumberland	5	272	2,390	2,386	4,776
Oxford	7	333	3,056	3,003	6,059
Perth	5	285	2,483	2,553	5,036
Peterborough	8	425	3,795	3,493	7,288
Prescott & Russell	6	284	2,229	2,214	4,443
Prince Edward	1	75	648	574	1,222
Provisional County of Haliburton	1	37	317	287	604
Regional Municipality of Durham	20	1,153	10,737	10,196	20,933

Table 6.30 (cont'd.)

Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981

1980[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Secondary (cont'd.)					
Regional Municipality of Haldimand-Norfolk	9	386	3,405	3,260	6,665
Regional Municipality of Halton	17	1,091	10,403	9,730	20,133
Regional Municipality of Hamilton-Wentworth	29	1,393	12,275	11,252	23,527
Regional Municipality of Niagara	29	1,450	12,946	12,254	25,200
Regional Municipality of Ottawa-Carleton	39	2,242	20,094	18,198	38,292
Regional Municipality of Peel	27	1,918	16,814	15,560	32,374
Regional Municipality of Sudbury	15	777	6,895	6,063	12,958
Regional Municipality of Waterloo	14	1,033	9,603	9,012	18,615
Regional Municipality of York	15	888	8,707	7,978	16,685
Renfrew	9	434	3,855	3,673	7,528
Simcoe	16	940	8,495	7,856	16,351
Stormont, Dundas & Glengarry	11	506	4,601	4,586	9,187
Victoria	3	178	1,570	1,533	3,103
Wellington	9	473	4,377	4,200	8,577
Total, Counties	567	30,663	276,474	257,424	533,898
Algoma	14	595	5,187	4,632	9,819
Cochrane	11	531	4,132	3,974	8,106
District Municipality of Muskoka	3	150	1,337	1,321	2,658
Kenora	6	202	1,669	1,613	3,282
Manitoulin	1	45	366	360	726
Nipissing	7	396	3,529	3,229	6,758
Parry Sound	2	162	1,390	1,288	2,678
Rainy River	4	110	981	853	1,834
Sudbury	3	112	882	880	1,762
Timiskaming	6	223	1,778	1,895	3,673
Thunder Bay	15	651	5,683	5,384	11,067
Total, Districts	72	3,177	26,934	25,429	52,363

Table 6.30 (cont'd.)

Schools, Teachers and Enrolment by County and District, Ontario, 1980 and 1981

			Enrolment		
1981[1]	Schools	Full-time Teachers	Male	Female	Total
Total Elementary	3,895	52,808	629,418	595,462	1,224,880
Brant	55	559	7,181	6,819	14,000
Bruce	32	382	4,940	4,609	9,549
Dufferin	11	228	2,666	2,443	5,109
Elgin	29	464	5,177	4,984	10,161
Essex	142	2,135	23,858	22,712	46,570
Frontenac	56	650	7,179	6,722	13,901
Grey	29	462	5,180	4,825	10,005
Hastings	63	657	7,925	7,335	15,260
Huron	34	353	3,996	3,842	7,838
Kent	52	699	8,159	7,723	15,882
Lambton	62	806	9,516	9,096	18,612
Lanark	21	290	3,135	3,096	6,231
Leeds & Grenville	45	471	5,528	5,101	10,629
Lennox & Addington	20	238	2,612	2,450	5,062
Middlesex	110	1,667	22,088	20,731	42,819
Municipality of Metropolitan Toronto	697	11,426	136,294	129,272	265,566
Northumberland	34	394	4,774	4,507	9,281
Oxford	48	472	6,090	5,645	11,735
Perth	33	383	4,620	4,219	8,839
Peterborough	49	558	7,255	6,953	14,208
Prescott & Russell	32	400	4,220	4,082	8,302
Prince Edward	10	110	1,260	1,320	2,580
Provisional County of Haliburton	7	57	702	609	1,311
Regional Muncipality of Durham	113	1,842	22,627	21,331	43,958
Regional Municipality of Haldimand-Norfolk	53	530	6,265	5,997	12,262
Regional Municipality of Halton	102	1,474	19,117	18,100	37,217
Regional Municipality of Hamilton-Wentworth	169	2,372	29,453	28,039	57,492
Regional Municipality of Niagara	195	2,100	27,040	25,440	52,480
Regional Municipality of Ottawa-Carleton	229	3,419	38,048	35,808	73,856
Regional Municipality of Peel	181	3,598	43,525	41,546	85,071
Regional Municipality of Sudbury	103	1,183	14,412	13,649	28,061
Regional Municipality of Waterloo	145	1,952	23,560	22,349	45,909
Regional Municipality of York	104	1,671	20,273	19,192	39,465
Renfrew	58	549	6,652	6,360	13,012
Simcoe	110	1,463	17,061	15,953	33,014
Stormont, Dundas & Glengarry	73	653	7,374	6,915	14,289
Victoria	22	294	3,277	3,102	6,379
Wellington	68	762	9,493	8,966	18,459
Total, Counties	3,396	47,723	572,532	541,842	1,114,374

Table 6.30 (cont'd.)

Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981

1981[1]	Schools	Full-time Teachers	Enrolment		
			Male	Female	Total
Elementary (cont'd.)					
Algoma	94	973	11,413	10,880	22,293
Cochrane	70	795	8,695	8,068	16,763
District Municipality of Muskoka	17	213	2,414	2,365	4,779
Kenora	40	381	4,098	3,740	7,838
Manitoulin	6	54	573	568	1,141
Nipissing	59	596	6,776	6,265	13,041
Parry Sound	21	226	2,319	2,134	4,453
Rainy River	22	175	1,898	1,754	3,652
Sudbury	35	302	3,235	3,106	6,341
Timiskaming	34	336	3,405	3,149	6,554
Thunder Bay	101	1,034	12,060	11,591	23,651
Total, Districts	499	5,085	56,886	53,620	110,506
Total Secondary	643	33,182	295,004	273,631	568,635
Brant	6	368	3,450	3,055	6,505
Bruce	7	194	1,790	1,846	3,636
Dufferin	2	148	1,249	1,233	2,482
Elgin	5	265	2,296	2,334	4,630
Essex	20	1,204	10,482	9,461	19,943
Frontenac	9	426	4,071	3,730	7,801
Grey	5	306	2,686	2,549	5,235
Hastings	8	446	3,957	3,619	7,576
Huron	5	238	2,010	2,022	4,032
Kent	10	427	3,782	3,439	7,221
Lambton	8	443	3,850	3,518	7,368
Lanark	4	191	1,706	1,688	3,394
Leeds & Grenville	7	350	3,084	2,815	5,899
Lennox & Addington	3	152	1,305	1,524	2,829
Middlesex	21	1,218	11,058	9,940	20,998
Municipality of Metropolitan Toronto	154	7,423	66,378	60,662	127,040
Northumberland	5	267	2,352	2,416	4,768
Oxford	7	322	2,921	2,779	5,700
Perth	5	272	2,330	2,401	4,731
Peterborough	8	411	3,550	3,397	6,947
Prescott & Russell	6	282	2,312	2,418	4,730
Prince Edward	1	72	627	576	1,203
Provisional County of Haliburton	1	37	323	301	624
Regional Municipality of Durham	20	1,147	10,580	9,927	20,507

Table 6.30 (cont'd.)

Schools, Teachers and Enrolment, by County and District, Ontario, 1980 and 1981

			Enrolment		
1981[1]	Schools	Full-time Teachers	Male	Female	Total
Secondary (cont'd.)					
Regional Municipality of Haldimand-Norfolk	9	381	3,338	3,223	6,561
Regional Municipality of Halton	17	1,082	10,226	9,316	19,542
Regional Municipality of Hamilton-Wentworth	29	1,340	11,770	10,692	22,462
Regional Municipality of Niagara	29	1,412	12,476	11,767	24,243
Regional Municipality of Ottawa-Carleton	39	2,155	19,541	17,372	36,913
Regional Municipality of Peel	28	1,966	17,194	15,782	32,976
Regional Municipality of Sudbury	15	750	6,509	5,679	12,188
Regional Municipality of Waterloo	14	1,061	9,637	8,893	18,530
Regional Municipality of York	15	891	8,577	7,858	16,435
Renfrew	9	400	3,568	3,402	6,970
Simcoe	16	925	8,345	7,614	15,959
Stormont, Dundas & Glengarry	12	481	4,397	4,234	8,631
Victoria	3	178	1,467	1,506	2,973
Wellington	9	463	4,236	4,096	8,332
Total, Counties	571	30,094	269,430	249,084	518,514
Algoma	13	587	4,975	4,575	9,550
Cochrane	11	510	3,962	3,827	7,789
District Municipality of Muskoka	3	139	1,266	1,269	2,535
Kenora	6	199	1,651	1,527	3,178
Manitoulin	1	45	333	329	662
Nipissing	7	383	3,304	3,034	6,338
Parry Sound	2	152	1,289	1,203	2,492
Rainy River	4	112	936	870	1,806
Sudbury	3	105	851	824	1,675
Timiskaming	6	215	1,657	1,773	3,430
Thunder Bay	16	641	5,350	5,316	10,666
Total, Districts	72	3,088	25,574	24,547	50,121

1) As of the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*

Table 6.31

Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1977-78 to 1980-81

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1977-78									
All Teachers									
Doctorate	7,953	2	211	1,255	1,970	1,622	1,260	1,630	3
Master's	2,947	13	240	577	580	463	398	676	–
First Professional	808	–	18	113	169	145	131	232	–
Bachelor's	815	22	88	139	137	118	102	209	–
Other	233	2	15	28	40	44	34	68	2
Total	12,756	39	572	2,112	2,896	2,392	1,925	2,815	5
Male									
Doctorate	7,208	2	184	1,107	1,788	1,503	1,142	1,480	2
Master's	2,265	7	167	435	440	367	316	533	–
First Professional	737	–	13	95	159	134	121	215	–
Bachelor's	554	15	40	79	82	93	70	175	–
Other	177	2	11	19	27	39	25	53	1
Total	10,941	26	415	1,735	2,496	2,136	1,674	2,456	3
Female									
Doctorate	745	–	27	148	182	119	118	150	1
Master's	682	6	73	142	140	96	82	143	–
First Professional	71	–	5	18	10	11	16	17	–
Bachelor's	261	7	48	60	55	25	32	34	–
Other	56	–	4	9	13	5	9	15	1
Total	1,815	13	157	377	400	256	251	359	2
1978-79									
All Teachers									
Doctorate	8,064	–	168	1,062	1,987	1,742	1,312	1,790	3
Master's	2,717	7	222	480	522	441	349	696	–
First Professional	952	–	15	117	189	191	160	280	–
Bachelor's	757	19	77	120	125	121	99	196	–
Other	315	2	15	32	52	57	60	94	3
Total	12,805	28	497	1,811	2,875	2,552	1,980	3,056	6
Male									
Doctorate	7,264	–	138	931	1,782	1,606	1,191	1,614	2
Master's	2,102	5	150	365	395	355	278	554	–
First Professional	879	–	12	102	176	175	151	263	–
Bachelor's	512	10	35	70	68	89	79	161	–
Other	233	1	11	19	37	45	45	72	3
Total	10,990	16	346	1,487	2,458	2,270	1,744	2,664	5
Female									
Doctorate	800	–	30	131	205	136	121	176	1
Master's	615	2	72	115	127	86	71	142	–
First Professional	73	–	3	15	13	16	9	17	–
Bachelor's	245	9	42	50	57	32	20	35	–
Other	82	1	4	13	15	12	15	22	–
Total	1,815	12	151	324	417	282	236	392	1

Table 6.31 (cont'd.)

Total Full-Time University Teachers by Sex, Degree and Age, Ontario, 1977-78 to 1980-81

	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over	Age not Reported
1979-80									
All Teachers									
Doctorate	8,094	–	120	918	1.937	1,825	1.404	1,889	1
Master's	2.654	8	187	432	505	465	359	648	–
First Professional	996	–	4	115	205	193	156	308	–
Bachelor's	750	20	70	104	147	120	100	189	–
Other	333	3	10	50	50	58	63	99	–
Total	12.827	31	406	1,619	2,844	2.661	2.082	3.183	7
Male									
Doctorate	7.302	–	101	810	1.711	1.683	1,289	1,707	1
Master's	2.062	6	132	330	386	369	283	556	–
First Professional	914	–	14	105	183	181	144	287	–
Bachelor's	505	6	35	61	85	89	78	151	–
Other	240	–	7	31	34	42	49	77	–
Total	11.023	12	289	1,337	2.399	2.364	1.843	2.778	1
Female									
Doctorate	792	–	19	108	226	142	115	182	–
Master's	592	2	55	102	119	96	76	142	–
First Professional	82	–	5	10	22	12	12	21	–
Bachelor's	245	14	35	43	62	31	22	38	–
Other	93	3	3	19	16	16	14	22	–
Total	1,804	19	117	282	445	297	239	405	–
1980-81									
All Teachers									
Doctorate	8.038	–	104	792	1.728	1,903	1,432	2,078	1
Master's	2.630	5	170	393	485	445	385	747	–
First Professional	964	–	11	91	189	188	148	337	–
Bachelor's	738	19	75	96	146	112	98	192	–
Other	374	3	19	59	53	63	64	113	–
Total	12,744	27	379	1,431	2.601	2.711	2,127	3.467	1
Male									
Doctorate	7,200	–	77	681	1.509	1,722	1,320	1.891	–
Master's	2.045	4	115	305	378	339	303	601	–
First Professional	888	–	5	81	174	176	137	315	
Bachelor's	494	9	37	53	85	78	80	152	–
Other	267	–	14	38	37	42	51	85	–
Total	11,299	13	248	1,158	2.183	2.357	1,891	3,044	
Female									
Doctorate	838	–	27	111	219	181	112	187	1
Master's	585	1	55	88	107	106	82	146	–
First Professional	76	–	6	10	15	12	11	22	–
Bachelor's	244	10	38	43	61	34	18	40	–
Other	107	3	5	21	16	21	13	28	–
Total	1,850	14	131	273	418	354	236	423	1

Source. SC. Education, Science and Culture Division.

Table 6.32

Total Full-time Teachers by Sex, Highest Qualification and Age, at Colleges of Applied Arts and Technology, Ontario, 1980-81 to 1981-82

1980-81	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over
All teachers								
Doctorate	145	–	1	4	40	49	21	30
Masters	1,024	–	24	149	284	213	137	217
First professional	633	–	18	110	156	125	96	128
Other Prof. Cert.	539	–	12	47	82	108	94	196
Honours Bachelor	911	1	62	165	197	155	123	208
Bachelor	1,289	2	43	188	272	252	199	333
Diploma	868	4	67	165	165	128	115	224
Trade cert.	790	–	13	59	119	132	116	351
Other	561	–	10	52	91	113	84	211
Total	6,760	7	250	939	1,406	1,275	985	1,898
Male								
Doctorate	110	–		4	29	35	17	25
Masters	755	–	8	110	201	168	103	165
First professional	203	–	8	20	39	52	34	50
Other prof. cert.	304	–	6	24	40	55	57	122
Honours bachelor	585	–	20	85	124	102	90	164
Bachelor	803	–	17	93	159	167	139	228
Diploma	608	3	32	115	118	96	85	159
Trade cert.	687	–	10	55	99	117	99	307
Other	322	–	3	23	45	69	55	127
Total	4,377	3	104	529	854	861	679	1,347
Female								
Doctorate	35	–	1		11	14	4	5
Masters	269	–	16	39	83	45	34	52
First Professional	430	–	10	90	117	73	62	78
Other prof. cert.	235	–	6	23	42	53	37	74
Honours bachelor	326	1	42	80	73	53	33	44
Bachelor	486	2	26	95	113	85	60	105
Diploma	260	1	35	50	47	32	30	65
Trade cert.	103	–	3	4	20	15	17	44
Other	239	–	7	29	46	44	29	84
Total	2.383	4	146	410	552	414	306	551

Table 6.32 (con't'd.)

Total Full-time Teachers by Sex, Highest Qualification and Age, at Colleges of Applied Arts and Technology, Ontario, 1980-81 to 1981-82

1981-82	Total Number	Under 25 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45-49 Years	50 Years and Over
All teachers								
Doctorate	145	–	2	5	40	47	21	30
Masters	1,017	–	25	161	273	215	136	207
First professional	618	–	27	101	148	123	94	125
Other prof. cert.	543	2	15	53	82	106	97	188
Honours bachelor	947	3	81	177	197	161	124	204
Bachelor	1,257	1	46	184	269	243	201	313
Diploma	873	10	75	168	159	129	114	218
Trade cert.	821	–	17	71	126	139	125	343
Other	552	1	12	49	92	117	86	195
Total	6,773	17	300	969	1,386	1,280	998	1,823
Male								
Doctorate	109	–	1	4	29	33	17	25
Masters	750	–	12	115	193	171	100	159
First professional	207	–	13	25	35	52	36	46
Other prof. cert.	307	–	8	27	41	51	58	122
Honours bachelor	598	–	27	93	121	108	89	160
Bachelor	786	–	20	94	156	162	138	216
Diploma	619	4	36	120	121	95	89	154
Trade cert.	724	–	15	67	107	123	107	305
Other	318	1	4	20	44	74	56	119
Total	4,418	5	136	565	847	869	690	1,306
Female								
Doctorate	36	–	1	1	11	14	4	5
Masters	267	–	13	46	80	44	36	48
First professional	411	–	14	76	113	71	58	79
Other prof. cert.	236	2	7	26	41	55	39	66
Honours bachelor	349	3	54	84	76	53	35	44
Bachelor	471	1	26	90	113	81	63	97
Diploma	254	6	39	48	38	34	25	64
Trade cert.	97	–	2	4	19	16	18	38
Other	234	–	8	29	48	43	30	76
Total	2,355	12	164	404	539	411	308	517

Source: O.C.I.S. *Staff System Reports 1159 to 1165, July 26, 1982.*

Table 6.33

Average Academic Salaries[1] by Rank at Universities[2], Ontario, 1974-75 to 1980-81

	1974-75[3]	1975-76	1976-77[3]	1977-78	1978-79	1979-80[4]	1980-81[5]
				$			
Full Professor	28,807	32,227	35,090	37,478	39,223^{r}	41,506	44,932
Associate Professor	20,784	23,135	25,537	27,563	28,998^{r}	30,955	33,788
Assistant Professor	16,756	18,811	20,444	21,887	23,224^{r}	24,901	26,933
Lecturer	13,699	15,716	16,688	18,106	19,703^{r}	21,186	23,118
Average	21,084	23,918	26,350	28,451	30,067^{r}	32,335	35,356

1) Salaries include those for Medical and Dental staff.
2) Ryerson not included.
3) Algoma not included.
4) Royal Military College not included.
5) Wycliffe and Knox colleges not included.

Source: Ministry of Education,
University Affairs Division from Statistics
Canada University Faculty Salary Analysis System.

Table 6.34

Average Academic Salaries by Rank at Colleges of Applied Arts and Technology, Ontario 1976-77 to 1980-81

	1976-77	1977-78	1978-79	1979-80	1980-81
Masters	21,135	22,038	24,291	25,246	27,902
Instructors	15,413	16,307	17,846	19,294	22,243
Average	20,961	21,814	24,050	25,127	27,813

Source: O.C.I.S. *Staff System Report*.

Table 6.35

Expenditures on Education, Percentage Distribution by Source of Funds, Canada and Ontario, Selected Years, 1970-1979

		Sources of Funds				
		Government				
	Total	Federal[1]	Provincial[2]	Municipal	Fees	Other Sources
	$'000's			%		
Canada[3]						
1970	7,676,049	12.1	56.2	22.4	4.2	5.1
1971	8,359,330^r	11.1	59.4^r	20.6^r	4.6	4.3
1972	8,675,696	10.9	60.5	20.6	4.8	3.2
1973	9,576,629^r	10.3^r	62.1^r	19.5^r	4.6	3.5^r
1974	11,061,393^r	9.5	63.5	18.8	4.3	3.9
1975	12,926,310^r	9.3^r	65.0^r	18.2^r	4.1	3.4^r
1976	15,049,173^r	9.0^r	65.4^r	18.8^r	3.8	3.0^r
1977	17,364,309^r	9.0	66.1^r	18.0^r	3.8	3.1^r
1978	18,455,960^r	8.9^r	65.4^r	18.8	3.8	3.1
1979^p	20,247,071	8.3	66.0	18.3	3.7	3.7
Ontario						
1970	3,054,946^r	7.5^r	57.3^r	25.7^r	4.0^r	5.5^r
1971	3,235,582^r	7.7	60.0^r	23.2^r	5.0^r	4.1^r
1972	3,358,661	8.6	60.1	22.6	5.0	3.7
1973	3,565,253	7.9^r	61.2	2.19^r	5.1	3.9
1974	3,994,938	7.8	61.5	22.3	4.9	3.5
1975	4,526,293	7.8	61.6	22.3	4.9	3.4
1976	5,349,719^r	8.2	58.6	25.3	4.7	3.2
1977	6,168,183	7.1	60.8	24.6	4.6	2.9
1978	6,590,755^r	7.0^r	59.7^r	25.7^r	4.5	3.1^r
1979^p	7,150,568	6.5	59.3	26.2	45	35

[1] Starting with 1967, the funds transferred to the provinces for the purpose of post-secondary education are classified as provincial expenditures

[2] The federal funds transferred to the provinces for the purposes of post-secondary education and minority language training are classified as provincial expenditures

[3] Includes Yukon, Northwest Territories, Overseas and undistributable expenditures

Source: SC, Education, Science and Culture Division

Table 6.36

Ontario Graduate Scholarships[1], 1974-75 to 1980-81

	Students			Amounts[3]					
Year	Resident[2]	Non-Resident	Total	Spring	Fall	Winter	Spring	Fall	Total
							$		
1974-75	1,025	77	1,102	. .	. .	. .	. .	. .	2,111,738
1975-76	925	34	959	. .	. .	. .	. .	. .	2,225,200
1976-77	946	41	987	. .	. .	. .	. .	. .	3,267,482
1977-78	873	43	916	. .	. .	. .	. .	. .	3,660,010
1978-79	1,131	49	1,180	. .	. .	. .	. .	. .	3,385,650
1979-80[r]	1,105	60	1,165	620,800	1,792,000	1,777,600	611,200	40,000	4,841,600
1980-81[r]	1,124	55	1,179	636,468	1,822,370	1,858,200	1,075,800	1,102,000	6,494,838

1) Scholarships require attendance for two out of three semester sessions. The regular academic year includes fall and winter but the amounts given include payments made to students who attend only one term following or preceding a summer session. Thus figures shown for 1980-81 include awards allotted from May 1980 to Dec. 1981.

2) Resident refers to students who are Canadian Citizens or Landed Immigrants.

3) Presentation revised. The number of awards can he compared with previous years, however the dollar amounts should not be as they excluded some terms.

Source: Ministry of Education, Students Awards Branch.

Table 6.37
Ontario Student Assistance Program[1], 1980-81

	Grant Eligible				Grant Ineligible			Total			
	No. of Cases	Grant	Canada Student Loan	OSAP Loan	No. of Cases	Canada Student Loan	OSAP Loan	No. of Cases	Grant	Canada Student Loan	OSAP Loan
		$000's				$000's				$000's	
Universities	30,015	39,882,595	26,162,332	3,081,725	10,374	17,633,080	12,040,897	40,389	39,882,595	43,795,412	15,122,622
Ryerson	2,344	3,122,923	2,063,880	193,345	375	646,110	394,490	2,719	3,122,923	2,709,990	587,835
Ontario College of Art	463	825,960	478,530	45,910	114	183,850	156,260	577	825,960	662,380	202,170
Royal Military College	–	–	–	–	6	10,800	5,960	6	–	10,800	5,960
Bar Admission	1	210	1,800	600	373	604,760	163,455	374	210	606,560	164,055
C.A.A.T.'s[2]	24,669	31,483,904	19,632,705	2,235,235	1,632	2,477,990	1,178,995	26,301	31,483,904	22,110,695	3,414,230
Agricultural Colleges	198	204,215	96,060	11,835	14	20,000	1,320	212	204,215	116,060	13,155
Other Ontario Institutions[3]	3,426	3,815,020	5,428,630	1,776,584	1,342	2,336,040	661,745	4,768	3,815,020	7,764,670	2,438,329
Out-of-Province Institutions[4]	1,204	1,688,675	1,163,790	–	2,441	4,450,820	–	3,645	1,688,675	5,614,610	–
Total	62,320	81,023,502	55,027,727	7,345,234	16,671	28,363,450	14,603,122	78,991	81,023,502	83,391,177	21,948,356

1) OSAP is the accepted abbreviation.
2) C.A.A.T.'s denotes Colleges of Applied Arts and Technology.
3) Includes eligible private schools, medical institutes, etc.
4) Includes other Canadian Institutions and Universities and Foreign Universities and Institutions.

Source. Ministry of Education, Student Awards Branch, *OSAP Statistical Report.*

Table 6.38

Summary of Financial Statistics of School Boards, Ontario 1979 and 1980

1979	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
Revenue	1,618,036	785,578	2,403,614	1,699,112	4,102,726
Local Taxation[1]	875,540	144,089	1,019,629	860,726	1,880,355
Provincial Government – Grants	687,638	612,343	1,299,981	755,882	2,055,863
Provincial Government Other	634	229	863	977	1,840
Federal Government	5,919	3,355	9,274	8,886	18,160
Transfers from Other Boards	6,956	4,630	11,586	28,400	39,986
Individuals	572	779	1,351	9,645	10,996
Sale of Property and Insurance Proceeds	16,478	11,389	27,867	4,247	32,114
Other Revenue	15,775	4,772	20,547	20,837	41,384
Transfers from Reserves and Other Funds	8,524	3,992	12,516	9,512	22,028
Expenditure	1,618,036	785,578	2,403,614	1,699,112[3]	4,102,726
Business Administration	28,442	19,738	48,180	31,919	80,099
Computer Services	3,439	1,269	4,708	7,141	11,849
Instruction, Day Schools – Salaries and Fringe Benefits	997,828	461,546	1,459,374	1,049,323	2,508,697
Instruction, Day Schools – Supplies and Other Expenses	116,126	71,577	187,703	143,431	331,134
Educational Services	29,570	13,360	42,930	26,190	69,120
Attendance, Health and Food Services	3,695	678	4,373	10,216	14,589
Plant Operation & Plant Maintenance	205,291	87,954	293,245	197,824	491,069
Transportation	69,534	43,227	112,761	58,272	171,033
Capital Expenditure from Revenue (non-allocable)	22,494	7,072	29,566	18,698	48,264
Debt Charges[2]	88,382	52,670	141,052	76,298	217,350
Other Operating Expenditure	8,763	3,951	12,714	9,949	22,663
Net Day School Expenditure	1,573,564	763,042	2,336,606	1,629,261	3,965,867
Expenditure for Adult Education	545	2,772	3,317	18,938	22,255
Transfer to Other Boards	4,897	5,513	10,410	27,482	37,892
Non-operating Expenditure	7,442	1,837	9,279	4,131	13,410
Tax Write-offs and Revisions	11,131	884	12,015	9,989	22,004
Provision for Reserves and Other Funds	20,457	11,530	31,987	9,311	41,298

Table 6.38 (cont'd.)
Summary of Financial Statistics of School Boards, Ontario, 1979 and 1980

1980	Public Separate	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
Revenue	1,781,347	887,072	2,668,419	1,867,840	4,536,259
Local Taxation[1]	981,417	164,448	1,145,865	943,291	2,089,156
Provincial Government -- Grants	746,972	697,505	1,444,477	833,398	2,277,875
Provincial Government Other	660	686	1,346	1,640	2,986
Federal Government	6,556	3,314	9,870	10,179	20,049
Transfers from Other Boards	7,502	5,730	13,232	30,691	43,923
Individuals	599	1,055	1,654	11,383	13,037
Sale of Property and Insurance Proceeds	9,651	3,368	13,019	3,589	16,608
Other Revenue	17,391	5,424	22,815	24,329	47,144
Transfers from Reserves and Other Funds	10,599	5,542	16,141	9,340	25,481
Expenditure	1,781,347	887,072	2,668,419	1,867,840	4,536,259
Business Administration	31,595	21,617	53,212	35,213	88,425
Computer Services	4,008	1,282	5,290	8,129	13,419
Instruction, Day Schools – Salaries and Fringe Benefits	1,090,009	514,537	1,604,546	1,123,653	2,728,119
Instruction, Day Schools – Supplies and Other Expenses	127,827	80,101	207,928	159,766	367,694
Educational Services	33,176	14,642	47,818	29,425	77,243
Attendance, Health and Food Services	4,327	708	5,035	10,530	15,565
Plant Operation & Plant Maintenance	229,585	96,788	326,373	221,651	548,024
Transportation	77,847	48,883	126,730	65,017	191,747
Capital Expenditure from Revenue (non-allocable)	41,487	30,202	71,689	39,618	111,307
Debt Charges[2]	86,968	54,149	141,117	74,549	215,616
Other Operating Expenditure	11,176	4,839	16,015	18,677	34,692
Net Day School Expenditure	1,738,005	867,748	2,605,753	1,786,228	4,391,981
Expenditure for Adult Education	647	3,521	4,168	22,464	26,632
Transfer to Other Boards	4,863	6,166	11,029	29,880	40,909
Non-operating Expenditure	4,980	1,910	6,890	4,865	11,755
Tax Write-offs and Revisions	13,654	1,294	14,948	12,705	27,653
Provision for Reserves and Other Funds	19,198	6,433	25,631	11,698	37,329

1) Represents the portion of the total expenditure required to be raised by local taxation.
2) Includes interest on short term borrowings for capital purposes.
3) Includes revenue and expenditure in respect of schools for trainable retarded pupils.

Source: Ministry of Education, *Education Statistics Ontario*.

Table 6.39

Local Taxation[1] for Education, Ontario, 1968-1980

	Public	Roman Catholic Separate	Total Elementary	Secondary	Grand Total
			$'000's		
1968	307,873	42,265	350,138	282,833	632,971
1969	365,409	49,985	415,394	335,017	750,411
1970	404,249	53,893	458,142	341,061	799,203
1971	397,412	54,080	451,492	333,929	785,421
1972	395,658	53,190	448,848	339,106	787,954
1973	403,151	56,164	459,315	345,190	804,505
1974	449,297	60,310	509,607	393,988	903,595
1975	513,661	72,046	585,707	437,299	1,023,006
1976	654,700	96,539	751,239	620,323	1,371,562
1977	723,724	107,778	831,502	711,530	1,543,032
1978	800,205	127,895	928,100	786,621	1,714,721
1979	875,540	144,089	1,019,629	860,726	1,800,355
1980	981,417	164,448	1,145,865	943,291	2,089,156

[1] Represents the portion of the total expenditure required to be raised by local taxation

Source: Ministry of Education, *Education Statistics Ontario*
Reports of the Minister of Education

Table 6.40

School Board Expenditures and General Legislative Grants, Ontario, 1969-1981

	Public			Roman Catholic Separate			Total Elementary			Secondary			All Schools		
	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]	Expenditure	Grant	Per Cent[1]
								$Million							
1969	627.9	254.9	40.6	227.5	171.9	75.6	855.4	426.8	49.9	606.1	252.8	41.7	1,461.5	679.6	46.5
1970	707.3	303.9	43.0	259.7	207.5	79.9	966.9	511.4	52.9	672.6	333.1	49.5	1,639.5	844.6	51.5
1971	759.2	366.1	48.2	285.5	235.4	82.4	1,044.7	601.4	57.6	739.5	411.1	55.6	1,784.2	1,012.5	56.8
1972	817.6	424.6	51.9	314.7	262.7	83.5	1,132.4	687.4	60.7	803.3	467.8	58.2	1,935.7	1,155.2	59.7
1973	837.2	438.6	52.4	327.4	278.7	85.1	1,164.6	717.2	61.6	834.7	492.7	59.0	1,999.3	1,209.9	60.5
1974	922.7	475.1	51.5	381.7	321.0	84.1	1,304.4	796.1	61.0	912.9	521.9	57.2	2,217.3	1,318.0	59.4
1975	1,109.7	592.5	53.4	480.4	407.9	84.9	1,590.1	1,000.4	62.9	1,066.0	628.3	58.9	2,656.2	1,628.7	61.3
1976	1,283.1	617.9	48.2	561.1	464.5	82.8	1,844.2	1,082.4	58.7	1,260.9	637.8	50.6	3,105.1	1,720.2	55.4
1977	1,392.1	669.0	48.1	617.5	514.9	83.4	2,009.6	1,183.9	58.9	1,397.4	686.6	49.1	3,407.1	1,870.6	54.9
1978	1,474.9	677.1	45.9	690.5	561.2	81.3	2,165.4	1,238.3	57.2	1,496.0	713.5	47.7	3,661.4	1,951.8	53.3
1979	1,553.3	687.6	44.3	748.0	612.3	81.9	2,301.3	1,300.0	56.5	1,617.7	755.9	46.7	3,919.0	2,055.9	52.5
1980[2]	1,701.2	734.3	43.2	839.5	680.2	81.0	2,539.7	1,414.5	55.7	1,745.8	816.1	46.7	4,285.2	2,230.6	52.0
1981[2]	1,897.3	808.9	42.6	957.2	769.0	80.3	2,554.6	1,577.9	55.3	1,949.5	889.9	45.6	4,504.1	2,467.9	51.4

1) Percentage of expenditure which is covered by grants

2) Exclude direct capital grants (introduced in 1980) and related expenditure

Source: Ministry of Education, *Education Statistics, Ontario*
Reports of the Minister of Education

Table 6.41

Comparison of Ontario Population[1] and Publicly Supported Elementary and Secondary School Enrolment[2] by Selected Age Groups, 1970-1981

Year	Total population of Ontario	Total (elementary and secondary) Enrolment	Enrolment as per cent of total population	Population of Ontario by Selected Age Groups		
				4-13	14-18	4-18
	'000's				'000's	
1970	7,637.0	2,022,401	26.5	1,575.2	708.4	2,283.6
1971	7,703.1	2,031,360	26.4	1,552.4	731.9	2,284.3
1972	7,833.9	2,208,114	25.9	1,528.2	744.9	2,273.1
1973	7,938.9	2,008,610	25.3	1,502.4	768.8	2,271.2
1974	8,093.0	1,994,489	24.6	1,484.2	783.9	2,268.1
1975	8,255.8	1,994,638	24.2	1,463.1	803.1	2,266.2
1976	8,264.5	1,973,140	23.9	1,428.8	816.0	2,244.8
1977	8,355.0	1,943,226	23.3	1,389.7	828.5	2,218.2
1978	8,444.3	1,902,005	22.5	1,349.0	835.6	2,184.6
1979	8,503.3	1,858,845	21.9	1,310.0	829.7	2,139.7
1980	8,570.4	1,826,535	21.3	1,278.9	799.4	2,078.3
1981	8,625.1	1,793,515	20.8	1,274.1	784.0	2,058.0

Table 6.41 (cont'd.)

Year	Elementary School Enrolment in Age Group 4-13	Secondary School Enrolment in Age Group 14-18	Elementary and Secondary School Enrolment Age Group 4-18	School Enrolment as per cent of Population in Appropriate Age Group		
				4-13	14-18	4-18
1970	1,408,364	505,726	2,001,670	89.4	71.4	87.7
1971	1,398,713	523,817	2,011,684	90.1	71.6	88.1
1972	1,385,057	532,527	2,003,969	90.6	71.5	88.2
1973	1,360,948	537,948	1,986,121	90.6	70.0	87.4
1974	1,340,219	542,314	1,971,418	90.3	69.2	86.9
1975	1,323,122	557,575	1,970,801	90.4	69.4	87.0
1976	1,294,738	566,352	1,949,419	90.6	69.4	86.8
1977	1,262,034	570,034	1,919,904	90.8	68.8	86.6
1978	1,220,870	567,818	1,876,951	90.5	67.9	85.9
1979	1,189,981	559,200	1,832,798	90.8	67.4	85.7
1980	1,172,830	542,958	1,796,299	91.7	67.9	86.4
1981	1,157,821	522,118	1,758,514	90.9	66.6	85.4

1) Statistics Canada estimates except those for 1971, 1976 and 1980. Data for 1971 and 1976 are census figures, while those for 1980 are from projections by single years of age produced by Central Statistical Services, Ministry of Treasury and Economics. It should be noted that 1977 and 1978 population figures have been revised. Population is as of June 1st.

2) Enrolment on the last school day in September.

Source: Ministry of Education, *Education Statistics Ontario*.
Reports of the Ministry of Education.

Table 6.42

Public Education in Ontario, 1981

	Boards Operating Schools	Schools in Operation	Number of Full-Time Teachers	Enrolment		
				Male	Female	Total
Public	112[1]	2,541	35,248	413,112	386,062	799,174
Roman Catholic Separate	58	1,354	17,560	216,306	209,400	425,706
Sub-Total (Elementary)	170[1]	3,895	52,808	629,418	595,462	1,224,880
Secondary	79	643	33,182	295,004	273,631	568,635
Sub-Total (Elementary and Secondary)	171[2]	4,538	85,990	924,422	869,093	1,793,515[7]
Trainable Retarded	68[3]	201	935	4,022	3,085	7,107
Provincial Schools	–	29[6]	578	1,507	861	2,368
Education Programs or Schools in Care and Treatment Facilities	66[4]	199	631	2,291	1,100	3,391
Grand Total	180[5]	4,967	88,134	932,242	874,139	1,806,381

1) Two Protestant separate school boards are included in this total.

2) The total excludes the duplication of seventy-eight boards of education that operate both elementary and secondary schools, two of which are on Crown Land.

3) These 68 boards of education also operate other types of schools.

4) Nine of these are boards appointed under Section 70 of The Education Act, 1974 and operate schools only in treatment centres. The remaining 57 are boards which employ teachers to provide education programs in care and treatment facilities under Section 28 of Ontario Regulation 228/80, General Legislative Grants 1980; they also operate elementary and/or secondary schools.

5) The net total excludes the duplication of the boards that operate more than one type of school. On September 30, 1981, there was a total of 188 boards, but 8 boards did not operate schools.

6) Excluding the duplication of six schools that operate at both the elementary and the secondary level, there is a net total of twenty three such schools managed by the Ministry of Education. Five schools – three for the deaf, one for the blind, and one demonstration school for learning disabilities – are institutions operated by the Ministry of Education. Of the remaining schools, 17 are in facilities operated by the Ministry of Community and Social Servies, thirteen of these are developmental centre schools and 4 are juvenile training centres. The Centre Jules Leger, a demonstration school, is operated by the University of Ottawa.

7) This total should be used when making comparisons with earlier years in which only elementary and secondary school enrolments were reported.

Source: Ministry of Education, *Education Statistics Ontario*

Table 6.43

French as a Second Language[1], Canada[2] and Ontario 1970-71 to 1980-81

		Participation Rate		Participation Index	
		Canada	Ontario	Canada	Ontario
				1970-71 = 100%	
1970-71	Elementary	28.4	37.5	100	100
	Secondary	55.8	48.9	100	100
1971-72	Elementary	30.8	41.2	109	110
	Secondary	53.2	44.5	95	91
1972-73	Elementary	33.3[3]	43.9	117	117
	Secondary	47.0[3]	39.4	84	81
1973-74	Elementary	34.8[3]	44.7	123	119
	Secondary	43.7[3]	36.4	78	74
1974-75	Elementary	37.0[r3]	46.3[r]	130	123
	Secondary	41.6[3]	33.9	75	69
1975-76	Elementary	38.4	48.9	135	130
	Secondary	41.5	35.5	74	73
1976-77	Elementary	39.6[r]	50.4[r]	139	134
	Secondary	40.9	35.8	73	73
1977-78	Elementary	42.2[r]	53.7[r]	149	143
	Secondary	40.1[r]	36.0[r]	72	74
1978-79	Elementary	44.5[r]	56.0[r]	135	149
	Secondary	41.4	37.0	74	76
1979-80	Elementary	45.5[r]	57.6[r]	160	154
	Secondary	40.9[r]	35.8	73	73
1980-81[p]	Elementary	46.6	58.7	164	157
	Secondary	39.7	34.1	71	70

1) From 1976-77 French immersion enrolment is included

2) Nine provinces, not including Québec where English is the second official language. Public schools only

3) Includes private school enrolment in some provinces

Source: SC, *Education, Science and Culture Division*

Table 6.44

In-service Programs Completed by Teachers, Ontario 1980-81[1]

	Min. of Education	Faculties[2]		School Board
	Summer	Winter	Summer	Winter
Additional Basic Qualifications				
Primary Division	–	–	76	–
Junior Division	–	29	58	–
Intermediate Division	–	1	158	–
Senior Division	–	12	98	–
Technological Studies	–	410	169	–
Additional Qualifications				
One Session Programs				
Associate Teacher	–	69	–	–
Community School Development	–	7	–	–
Driver Education Instructor	–	–	31	–
Integrated Arts	–	72	–	–
Law	–	–	33	–
Three Sessions Programs				
Business Education – Accounting	–	1	96	–
Business Education – Data Processing	–	–	108	–
Business Education – Marketing & Merchandising	–	–	71	–
Business Education – Secretarial	–	–	139	–
Dramatic Arts	–	35	51	–
English as a Second Language	–	404	343	–
Environmental Science	–	28	86	–
French as a Second Language	–	333	435	–
Guidance	–	279	294	–
Home Economics	–	33	58	–
Industrial Arts	–	–	80	–
Intermediate Education	–	3	3	6
Junior Education	–	56	37	23
Librarianship	–	407	423	–
Media	–	97	83	–
Multiculturalism in Education	–	32	–	–
Music – Instrumental	–	2	101	–
Music – Vocal (Primary, Junior)	–	191	131	18
Music – Vocal (Intermediate, Senior)	–	–	18	–
Physical & Health Education (Primary, Junior)	–	368	131	–
Physical & Health Education (Intermediate, Senior)	–	93	114	–
Primary Education	–	363	499	32
Reading	–	631	357	–
Religious Education	–	62	29	–
Special Education	–	4,296	3,149	–
Visual Arts	–	197	238	–
Honour Specialist	–	2	221	–
Honour Technological Studies Specialist	–	–	77	–
Program Development & Implementation	1,012	–	–	1,022
Program Supervisor & Assessment	421	–	–	202
Total	1,433	8,513	7,995	1,303

1) September to August
2) College, school and faculties of education

Source: Ministry of Education, *Education Statistics, Ontario*

Crime and Justice

Highlights

- **Offences** – The number of adults charged in 1980 in Ontario was 348,700 representing an increase of 7.6 per cent over the 1979 mark. Males accounted for 304,719 or 87.4 per cent of the total.

  The highest rate of actual offences per 100,000 total population as of June 1, 1980 in Ontario in 1980 was 2,523.4 for "theft $200 and under". Rates for some other offences were as follows: 448.4 for "frauds"; 299.8 for "Cannibis"; 159.1 for "stolen goods"; 84.4 for "offensive weapons"; 6.4 for "rape"; and 45.2 for "other sexual offences".

  Data for 1980 show that in terms of rate of crime per 100,000 population for each police jurisdiction, Sarnia, Brantford and Thunder Bay had "all offences" rates in excess of 16,000.0. For some of the other larger centres in Ontario, Toronto had a rate of 10,170.2, Hamilton-Wentworth 15,063.5, Ottawa 12,175.2, London 13,975.0 and Windsor 14,743.3.

- **Juveniles** – The number of juvenile offenders processed by police in 1980 in Ontario was 65,191 representing a decrease of 1.7 per cent from the 1978 mark.

  From 1976 to 1980, the number of juvenile delinquencies dropped from 15,879 to 13,389, a decrease of 15.7 per cent. Of the total number of delinquencies in 1980, the most common type was "theft" with 3,638, followed by "breaking and entering a place" with 2,870 and "mischief" with 1,030.

  Of the 9,974 found delinquent in 1980 suspensions accounted for 11.9 per cent, probation for 46.8 per cent, and fine or restitution 13.0 per cent.

- **Sentences** – 50.5 percent of all sentences to females in 1981-82 were under 8 days compared to 36.3 to males.

- **Correctional Institutions** – The total number of days spent by persons in Ontario's jails and detention centres in 1981-82 was 1,200,404. Of those admitted to provincial jails, the largest proportions were in the 19-24 years age group — 35.7 percent of the males and 30.5 percent of the females.

- **Motor Vehicle Accidents** – Motor vehicle accidents in Ontario from 1960 to 1980 rose from 87,186 to 196,501, an increase of 125.4 per cent. Over the 1-year period between 1979 and 1980, the number of persons killed decreased 3.3 per cent and the number of persons injured increased 0.05 per cent.

Definitions

An Indictable Offence – Is one regarded as an offence not only against a person but against the whole state. These offences are designated by statute, which also defines maximum punishment in each case; they demand a more formal hearing than ordinary offences.

Ordinary (Summary) Offences – Are those not expressly made indictable; they are, as a rule, minor. All provincial statutes and municipal by-laws are in this category (such as offences against traffic, liquor laws and breaches of the peace). Maximum sentence for a summary offence is $500 fine and/or six months imprisonment.

Actual Offences – Actual offences are those reported or known to police which investigation proved to be founded.

Adjourned Sine Die — Under section 16 of the Juvenile Delinquents Act the court may postpone the hearing of a charge of delinquency for an indefinite period.

Adult Court — Under section 9 of the Juvenile Delinquents Act, the court can order that a child charged with an indictable offence be proceeded against in the criminal courts. Children dealt with in this manner must be over the age of 14 years.

Assault – A person commits an assault when, without the consent of another person or with consent, where it is obtained by fraud, (a) he applies force intentionally to the person of the other, directly or indirectly, or (b) he attempts or threatens, by an act or gesture, to apply force to the person of the other, if he has or causes the other to believe upon reasonable grounds that he has present ability to effect his purpose.

Attempted Murder – Everyone who, having an intent to commit an offence, does, or omits to do anything for the purpose of carrying out his intention, is guilty of an attempt to commit the offence whether or not it was possible under the circumstances to commit the offence.

Breaking and Entering – Everyone who (a) breaks and enters a place with intent to commit an indictable offence therein, (b) breaks and enters a place and commits an indictable offence therein, or (c) breaks out of a place after (i) committing an indictable offence therein, or (ii) entering the place with intent to commit an indictable offence therein, is guilty of an indictable offence.

Crime – Persons charged are reported as adult or juvenile and male or female. Total persons charged does not represent an unduplicated count of individuals charged during the year. The same person is counted on each occasion that he has been charged with having committed an offence.

The method for reporting offences against the person, i.e., murder, attempted murder, rape, other sexual offences, wounding, assaults, and other offences against the person, is that one offence is reported for each victim. When reporting offences against property, i.e., robbery, breaking and entering, theft and other offences against property, one offence is reported for each distinct or separate operation. A distinct operation means the same time location and circumstances.

Deliquency — The commission by a child of any of the acts enumerated in the definition 'found delinquent'. A child is a boy or girl actually or apparently under the age of sixteen in Nova Scotia, Prince Edward Island, New Brunswick, Ontario, Saskatchewan, Alberta, Yukon and the Northwest Territories; under the age of seventeen in Newfoundland and British Columbia and under the age of eighteen in Quebec and Manitoba.

Fine — Under the Juvenile Delinquents Act, the court can impose on a child who is found delinquent a fine of up to $25.00.

Juvenile Institution — Committal of a juvenile who is found delinquent to a training school or similar institution which is approved by provincial statute or by the Lieutenant Governor in Council in any province. Children dealt with in this manner must be at least twelve years of age unless such committal is deemed to be necessary for the welfare of the community and the best interests of the child.

Juvenile Offender — As of 1979, juveniles charged and not charged have been combined into one category entitled "juvenile offenders".

Manslaughter – Culpable homicide that is not murder or infanticide is manslaughter.

Other Adjudications — Other decisions not constituting a finding of delinquency, such as a dismissal, withdrawal, etc.

Probation/Supervision — Order of the court directing that a juvenile who is found delinquent report periodically to a probation officer or some other designated person. Certain conditions may be attached to this order (i.e., a curfew). The juvenile may be permitted to remain in his/her home or may be placed in a foster home.

Found Delinquent — Number of accused adjudged by the court to have, contrary to the Juvenile Delinquents Act, violated a provision of the Criminal Code or of any federal or provincial statute or municipal by-law or to have been guilty of sexual immorality or a similar form of vice. This count includes those adults convicted or contributing to a child becoming a delinquent.

Rape – A male person commits rape when he has sexual intercourse with a female person who is not his wife, (a) without her consent, or (b) with her consent if the consent (i) is extorted by threats or fear of bodily harm, (ii) is obtained by impersonating her husband, or (iii) is obtained by false and fraudulent representations as to the nature and quality of the act.

Referral to Province — Committal of a juvenile who is found delinquent to the care of the province, i.e., to the children's aid society or to the administrator or minister responsible for delinquent children. Further action, i.e., committal to a foster home, may be taken by the province.

Reprimanded — Official rebuke by the judge of the juvenile court. Applies only to juveniles who are found delinquent.

Restitution — The court can order a child who is found delinquent to pay compensatory to an aggrieved person for loss of or damage to property arising out of the commission of an offence.

Robbery – Force or threat of force is a necessary ingredient in robbery whereas stealing from the person may be, and usually is, done secretly. Robbery includes stealing with violence, with threats of violence, or stealing while armed.

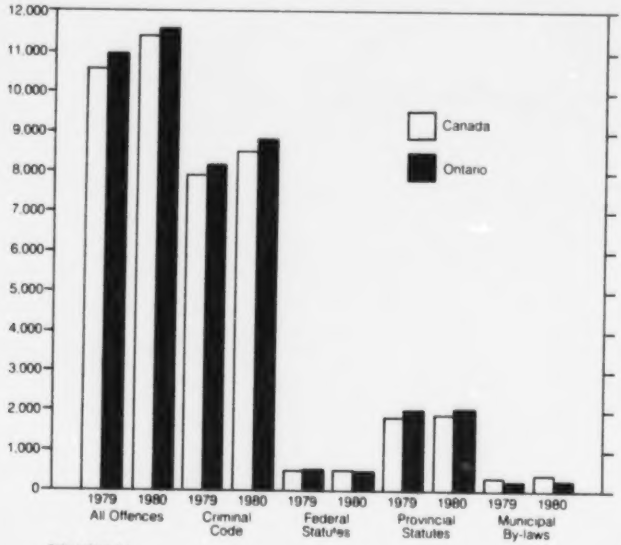
Suspended Disposition — Suspension, by the judge, of the determination of the action to be taken with respect to a juvenile adjudged to be a delinquent provided that certain conditions, usually determined by a probation order, are adhered to.

Theft of Motor Vehicle – A motor vehicle is a vehicle which is propelled or driven otherwise than by muscular power but does not include a vehicle which operates on rails. Registration shall not be a criterion for determining whether a particular vehicle is a motor vehicle.

Uniform Crime Reporting – The Uniform Crime Reporting program surveys the police administration, crime and traffic enforcement aspects of municipal police forces in centres with a population of 750 and over, that employ full-time police personnel, federal, provincial, railway and National Harbours Board police forces.

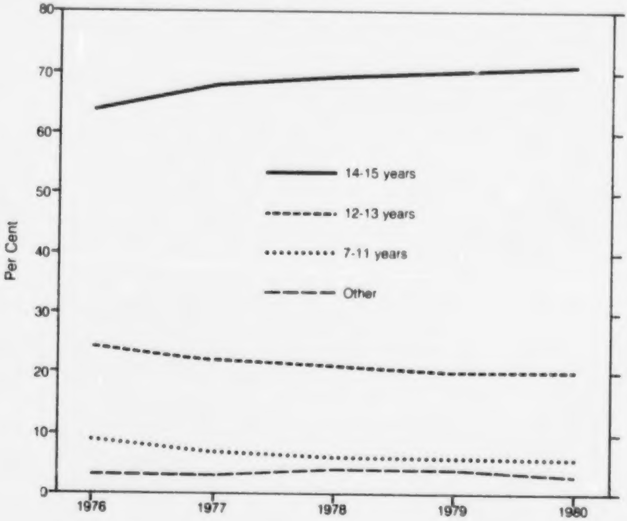
Wounding – Everyone who with intent (a) to wound, maim or disfigure any person, (b) to endanger the life of any person, or (c) to prevent the arrest or detention of any person, discharges a firearm, air gun, or air pistol at or causes bodily harm in any way to any person, whether or not that person is the one mentioned in paragraph (a), (b) or (c), is guilty of an indictable offence.

Graph 7.A
Rate of Offences per 100,000 Population, Canada and Ontario, 1979 and 1980



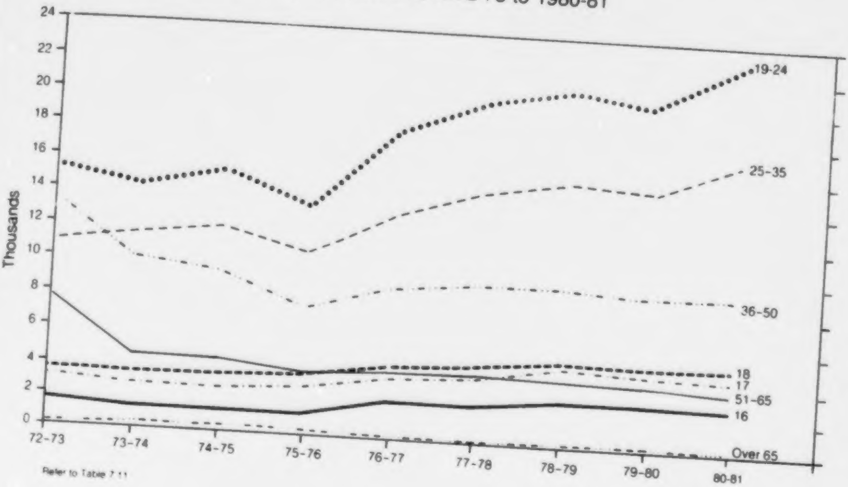
Refer to Table 7.2

Graph 7.B
Juvenile Delinquents by Age, Ontario, 1976-1980



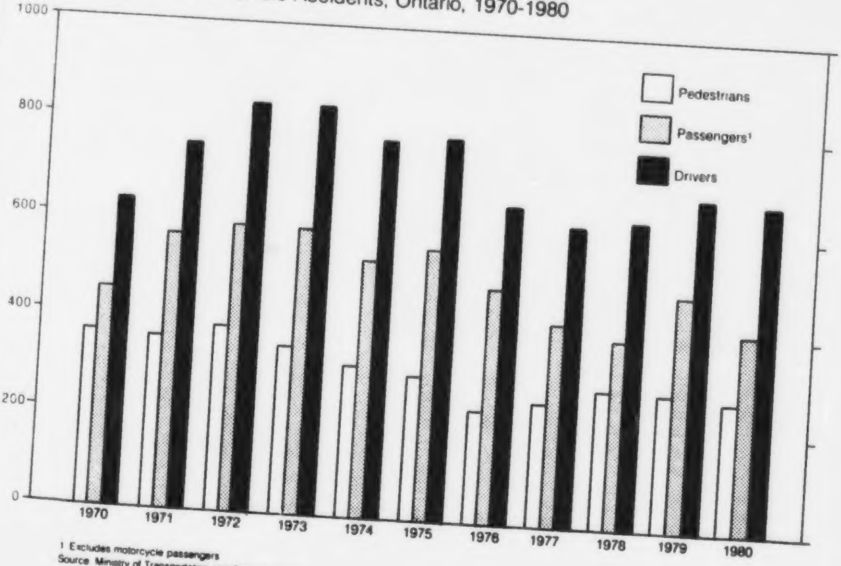
Refer to Table 7.7

Graph 7.C
Admission to Provincial Jails by Age, Ontario, 1972-73 to 1980-81



Refer to Table 7.11

Graph 7.D
Persons Killed in Motor Vehicle Accidents, Ontario, 1970-1980



1 Excludes motorcycle passengers
Source: Ministry of Transportation and Communications
Motor Vehicle Collision Facts, and *Motor Vehicle Accident Facts*

Table 7.1

Number of Adults Charged by Offence Group, Canada and Ontario, 1973-1980[1]

		Canada			Ontario		
Year	Offence Group	Total	Male	Female	Total	Male	Female
1973	Criminal Code	239,104	206,388	32,716	99,248	84,594	14,654
	Federal Statutes[2]	63,637	57,247	6,390	28,767	25,699	3,068
	Provincial Statutes	231,161	216,162	14,999	122,549	114,619	7,930
	Municipal Statutes	35,987	31,646	4,341	5,661	4,690	971
	Total	569,889	511,443	58,446	256,225	229,602	26,623
1974	Criminal Code	252,100	217,025	35,075	103,301	87,755	15,546
	Federal Statutes[2]	68,330	61,993	6,337	28,284	25,496	2,788
	Provincial Statutes	256,365	240,509	15,856	136,146	127,295	8,851
	Municipal By-Laws	28,880	25,585	3,295	5,373	4,414	959
	Total	605,675	545,112	60,563	273,104	244,960	28,144
1975	Criminal Code	273,887	235,462	38,425	116,588	98,458	18,130
	Federal Statutes[2]	63,909	58,067	5,842	26,214	23,546	2,674
	Provincial Statutes	267,340	249,803	17,537	133,020	123,948	9,072
	Municipal By-Laws	26,400	23,440	2,960	6,034	4,865	1,169
	Total	631,536	566,772	64,764	281,856	250,811	31,045
1976	Criminal Code	297,630	254,380	43,250	129,268	108,484	20,784
	Federal Statutes[2]	75,925	68,563	7,362	29,566	26,341	3,225
	Provincial Statutes	247,870	231,870	16,000	101,745	95,070	6,675
	Municipal By-Laws	26,280	22,756	3,524	6,614	5,023	1,591
	Total	647,705	577,569	70,136	267,193	234,918	32,275
1977	Criminal Code	309,785	265,677	44,108	131,799	111,375	20,424
	Federal Statutes[2]	83,997	76,146	7,851	32,017	28,825	3,192
	Provincial Statutes	265,990	247,778	18,212	108,416	100,916	7,500
	Municipal By-Laws	26,689	23,000	3,689	6,195	4,899	1,296
	Total	686,461	612,601	73,860	278,427	246,015	32,412
1978	Criminal Code	326,269	277,263	49,006	142,431	119,435	22,996
	Federal Statutes[2]	80,630	72,513	8,117	30,725	27,592	3,133
	Provincial Statutes[1]	277,285	258,165	19,120	121,498	112,918	8,580
	Municipal By-Laws[1]	25,743	21,982	3,761	6,850	5,340	1,510
	Total	709,927	629,923	80,004	301,504	265,285	36,219
1979	Criminal Code	342,081	289,930	52,151	143,357	120,194	23,163
	Federal Statutes[2]	73,971	66,522	7,449	30,439	27,174	3,265
	Provincial Statutes[1]	345,761	322,497	23,264	143,186	132,527	10,659
	Municipal By-Laws[1]	27,084	22,777	4,307	6,943	5,444	1,499
	Total	788,897	701,726	87,171	323,925	285,339	38,586
1980	Criminal Code	375,267	318,859	56,408	154,144	129,119	25,025
	Federal Statutes[2]	76,206	68,020	8,186	29,134	25,757	3,377
	Provincial Statutes[1]	342,641	314,843	27,798	158,221	144,091	14,130
	Municipal By-Laws[1]	27,756	23,634	4,122	7,201	5,752	1,449
	Total	821,870	725,356	96,514	348,700	304,719	43,981

1) Traffic and related offences are not included.

2) Federal Statutes include drug offences under the Narcotic Control Act and Food and Drug Act.

Source: SC, *Crime and Traffic Enforcement Statistics (85-205)*

Table 7.2

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1973-1980[2]

Offence	1973		1974	
	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	1,809,135	690,042	2,009,886	758,135
Cleared by charge	641,911	286,164	680,916	300,150
Cleared otherwise	303,510	108,018	332,770	112,223
Percentage cleared	52.3	57.1	50.5	54.4
Offence rate per 100,000 population	8,188.1	8,691.9	8,954.2	9,366.7
Criminal Code[4]				
Actual offences	1,351,323	503 135	1,456,885	539,849
Cleared by charge	331,390	138,751	307,450	124,852
Cleared otherwise	186,166	78,799	198,191	84,849
Percentage cleared	38.3	43.2	34.7	38.8
Offence rate per 100,000 population	..	..	6,490 5	6,669.8
Federal Statutes[3]				
Actual offences	42,786	15,599	102,979	37,857
Cleared by charge	29,474	12,557	77,158	31,300
Cleared otherwise	7,255	1,570	15,254	4,371
Percentage cleared	85.8	90.1	89.9	94.7
Offence rate per 100,000 population	193.6	196.5	458.8	467.7
Provincial Statutes				
Actual offences	339,119	148,661	368,716	159,730
Cleared by charge	243,652	128,575	265,468	136,189
Cleared otherwise	85,566	16,540	90,187	16,992
Percentage cleared	97.1	97.6	96.5	97.1
Offence rate per 100,000 population	1,534.8	1,872.6	1,642.7	1,973.5
Municipal By- Laws				
Actual offences	75,907	22,647	81,306	20,699
Cleared by charge	37,395	6,281	30,840	5,809
Cleared otherwise	24,523	11,108	29,138	6,011
Percentage cleared	81.6	76.8	73.7	57.1
Offence rate per 100,000 population	343.6	285.3	362.2	255.7

Table 7.2 (cont'd.)

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1973-1980[2]

	1975		1976	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,132,507	805,694	2,182,777	803,461
Cleared by charge	701,145	307,293	718,812	289,507
Cleared otherwise	338,812	121,481	359,806	129,446
Percentage cleared	48.8	53.2	49.4	52.1
Offence rate per 100,000 population	9,353.1	9,794.5	9,445.2	9,644.2
Criminal Code[4]				
Actual offences	1,585,805	589,624	1,637,704	613,002
Cleared by charge	329,260	137,855	354,984	147,412
Cleared otherwise	209,379	89,633	220,389	97,004
Percentage cleared	34.0	38.6	35.2	39.8
Offence rate per 100,000 population	6,955.3	7,167.8	7,086.6	7,358.1
Federal Statutes[3, 5]				
Actual offences	100,514	37,261	113,413	39,057
Cleared by charge	72,675	29,684	85,774	30,612
Cleared otherwise	14,908	4,563	15,807	4,639
Percentage cleared	87.1	90.4	89.6	90.3
Offence rate per 100,000 population	440.8	452.2	490.7	468.8
Provincial Statutes				
Actual offences	381,388	157,896	367,482	128,794
Cleared by charge	271,346	133,981	250,847	104,496
Cleared otherwise	94,897	19,348	103,194	18,895
Percentage cleared	96.0	97.2	96.4	95.8
Offence rate per 100,000 population	1,672.5	1,919.5	1,590.1	1,546.0
Municipal By-Laws				
Actual offences	64,860	20,973	64,178	22,608
Cleared by charge	27,864	6,373	27,207	6,987
Cleared otherwise	19,628	7,937	20,416	8,906
Percentage cleared	73.3	68.2	74.2	70.3
Offence rate per 100,000 population	284.2	255.0	277.7	271.4

Table 7.2 (cont'd.)

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1973-1980[2]

	1977		1978	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,226,601	810,284	2,305,965	866,507
Cleared by charge	764,593	302,546	804,199	330,858
Cleared otherwise	352,221	122,236	360,819	125,744
Percentage cleared	50.1	52.3	50.4	52.6
Offence rate per 100,000 population	9,559.8	9,676.7	9,820.5	10,262.0
Criminal Code				
Actual offences	1,654,020	614,668	1,714,297	660,660
Cleared by charge	364,991	149,111	384,666	164,388
Cleared otherwise	219,018	92,338	224,637	96,777
Percentage cleared	35.2	39.2	35.5	39.5
Offence rate per 100,000 population	7,101.5	7,340.6	7,300.7	7,824.2
Federal Statutes[3,5]				
Actual offences	131,720	42,292	134,031	43,637
Cleared by charge	100,085	33,756	103,185	33,896
Cleared otherwise	19,836	5,146	21,105	5,585
Percentage cleared	91.0	92.0	92.7	90.5
Offence rate per 100,000 population	565.6[r]	505.1[r]	571.0	516.9
Provincial Statutes				
Actual offences	379,588	135,785	398,324	147,080
Cleared by charge	272,047	113,297	289,635	125,246
Cleared otherwise	96,182	18,887	95,372	18,234
Percentage cleared	96.9	97.3	96.6	97.4
Offence rate per 100,000 population	1,629.7	1,621.6	1,696.3	1,741.8
Municipal By-Laws				
Actual offences	61,273	17,539	59,313	15,130
Cleared by charge	27,470	6,382	26,713	7,328
Cleared otherwise	17,185	5,865	19,700	5,148
Percentage cleared	72.8	69.7	78.3	82.5
Offence rate per 100,000 population	263.0	209.4	252.5	179.1

Table 7.2 (cont'd.)

Number of Actual Offences[1], Cleared by Charge and Otherwise, Percentage Cleared and Offence Rate per 100,000 of Population Age 7 Years and Over, Canada and Ontario, 1973-1980

	1979		1980	
Offence	Canada	Ontario	Canada	Ontario
Offence				
Actual offences	2,485,630	928,800	2,692,159	996,153
Cleared by charge	828,228	356,275	870,660	377,349
Cleared otherwise	402,322	132,347	425,989	139,905
Percentage cleared	49.5	52.6	48.1	51.9
Offence rate per 100,000 population	10,500.9	10,927.3	11,257.5	11,623.2
Criminal Code				
Actual offences	1,855,271	698,436	2,045,399	755,713
Cleared by charge	384,208	166,670	416,455	179,398
Cleared otherwise	255,131	100,930	272,633	106,214
Percentage cleared	34.5	38.3	33.7	37.7
Offence rate per 100,000 population	7,837.5	8,217.0	8,553.0	8,817.7
Federal Statutes[3]				
Actual offences	123,132	45,013	119,785	41,787
Cleared by charge	85,772	33,581	82,154	31,048
Cleared otherwise	26,604	8,103	27,110	7,464
Percentage cleared	91.7	92.6	91.2	92.2
Offence rate per 100,000 population	520.2	529.4	500.9	487.5
Provincial Statutes				
Actual offences	438,204	166,853	452,812	178,244
Cleared by charge	330,178	147,831	343,927	158,947
Cleared otherwise	93,467	16,072	94,277	16,406
Percentage cleared	96.7	98.2	96.8	98.4
Offence rate per 100,000 population	1,851.3	1,963.0	1,893.4	2,079.7
Municipal By-Laws				
Actual offences	69,598	18,498	74,163	20,409
Cleared by charge	28,070	8,193	28,124	7,956
Cleared otherwise	27,120	7,242	31,969	9,821
Percentage cleared	79.3	83.4	81.0	87.1
Offence rate per 100,000 population	294.0	217.5	310.1	238.1

1) Traffic and related offences not included.

2) From 1972, rates for any year were calculated on total population as of June 1 of that year.

3) Federal Statutes include drugs.

4) Criminal Code values for Canada and Ontario, 1972 and 1973 were calculated from the values given for "All Offences", "Federal Statutes", "Provincial Statutes" and "Municipal By-Laws".

5) Federal Statute values for Canada and Ontario, 1974 and 1975, were calculated from the values given for "Federal Statutes—Drugs" and "Other Federal Statutes".

Source: SC, *Canadian Centre for Justice Statistics*
Crime and Traffic Enforcement Statistics (85-205)

Table 7.3

Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979 and 1980

1979'

Offence	Canada	Ontario	Newfound-land	Nova Scotia	New Brunswick	Prince Edward Island	Québec
Murder[2]	2.4	1.8	0.4	1.7	1.4	0.0	2.8
Attempted Murder	3.2	2.3	0.5	1.6	1.1	0.0	3.8
Manslaughter	0.1	0.1	0.3	0.1	0.0	0.0	0.0
Rape	9.7	7.0	5.9	8.5	3.5	0.8	8.7
Other Sexual Offences	42.4	44.9	28.9	30.7	26.3	17.2	41.2
Wounding	9.7	9.4	0.8	5.1	3.1	1.6	6.4
Assaults (not indecent)	467.3	508.9	392.8	438.4	424.9	337.9	224.5
Robbery	88.2	54.4	13.1	37.5	21.8	4.9	175.4
Breaking and Entering	1,252.2	1,104.2	656.9	899.2	845.9	692.9	1,453.1
Theft Motor Vehicle	386.3	329.7	122.1	256.5	311.5	171.8	443.9
Theft Over $200	717.9	735.1	243.0	415.5	397.1	209.2	741.3
Theft $200 and Under	2,180.6	2,442.0	1,606.7	1,704.6	1,388.0	1,349.3	1,491.4
Have Stolen Goods	88.7	138.7	23.3	42.9	47.3	23.7	23.0
Frauds	387.3	411.7	296.1	256.2	183.5	276.0	232.9
Prostitution	5.4	11.3	0.1	0.9	0.1	0.0	1.4
Gaming and Betting	13.0	29.7	1.4	1.9	8.9	1.6	4.8
Offensive Weapons	64.6	78.3	29.4	71.9	59.4	23.7	22.6
Other Criminal Code	2,118.1	2,307.1	1,750.3	2,323.1	2,137.0	2,136.8	1,230.8
Other Federal Statutes	243.4	216.1	183.6	148.1	142.7	142.5	251.6
Addictive Opiate Like Drugs	15.9	17.7	5.3	7.8	13.5	21.9	13.8
Cannabis (Marihuana)	240.0	268.8	183.4	376.7	218.6	189.7	95.1
Controlled Drugs	4.4	8.7	0.0	2.6	1.1	2.4	1.7
Restricted Drugs	13.8	18.3	2.1	6.6	8.3	21.9	4.9
Provincial Statutes	1,851.1	1,963.0	1,272.6	3,919.9	1,852.7	3,636.8	86.3
Municipal By-Laws	294.0	217.6	67.0	149.1	202.1	30.1	378.8
All Offences	10,500.5	10,927.3	6,886.0	11,108.0	8,301.1	9,293.1	6,941.6

Table 7.3 (cont'd.)

Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979 and 1980

1979[1] Offence	Manitoba	Saskat- chewan	Alberta	British Columbia	Northwest Territories	Yukon
Murder[2]	3.5	3.5	2.6	3.5	16.2	18.4
Attempted Murder	7.2	5.4	3.7	3.2	4.5	13.8
Manslaughter	0.6	0.2	0.2	0.2	0.0	0.0
Rape	13.8	11.1	14.6	16.5	81.0	41.6
Other Sexual Offences	43.4	24.9	46.7	52.3	83.3	60.2
Wounding	17.2	13.7	15.1	14.4	67.1	23.0
Assaults (not indecent)	386.3	519.7	632.0	783.8	3.564.8	2,500.0
Robbery	74.6	28.8	69.2	85.6	41.6	74.0
Breaking and Entering	1,181.4	1,074.8	1,304.0	1,663.4	2.405.0	2,245.3
Theft Motor Vehicle	410.4	364.8	496.9	464.2	842.5	949.0
Theft Over $200	676.3	535.2	848.2	896.4	881.9	1,305.5
Theft $200 and Under	2.413.2	1,953.6	2,434.8	3.293.9	3.488.4	5,032.4
Have Stolen Goods	75.0	70.2	146.8	94.2	101.8	148.1
Frauds	466.7	545.6	516.6	606.2	724.5	1,069.4
Prostitution	1.3	0.3	5.3	3.8	2.2	0.0
Gaming and Betting	0.9	1.5	4.7	0.5	11.4	9.2
Offensive Weapons	85.1	76.6	99.0	82.5	430.5	375.0
Other Criminal Code	2,264.0	2,071.1	2.255.9	3,425.0	6,546.2	5,675.9
Other Federal Statutes	245.1	324.6	497.5	154.8	384.2	685.1
Addictive Opiate Like Drugs	5.5	5.5	17.7	26.9	43.9	32.4
Cannabis (Marihuana)	193.9	246.6	451.1	318.4	539.3	699.0
Controlled Drugs	2.2	1.7	4.7	1.5	4.5	0.0
Restricted Drugs	6.5	11.0	31.4	16.5	16.2	23.0
Provincial Statutes	1,746.1	5,799.9	4,633.5	1,093.2	24,983.7	11,606.4
Municipal By-Laws	96.7	111.7	340.2	581.7	648.1	83.3
All Offences	10.418.5	13,803.0	14,873.1	13,683.3	45.914.3	32,671.2

Table 7.3 (cont'd)

Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979 and 1980

1980

Offence	Canada	Ontario	Newfoundland	Nova Scotia	New Brunswick	Prince Edward Island	Québec
Murder[2]	2.4	1.6	0.5	1.0	1.3	0.8	2.0
Attempted Murder	3.3	2.3	1.0	1.6	1.8	0.0	4.2
Manslaughter	0.4	0.2	0.0	0.3	0.0	0.0	0.8
Rape	9.6	6.4	5.6	10.2	4.2	1.6	8.4
Other Sexual Offences	43.7	45.2	30.0	36.9	35.1	18.5	37.5
Wounding	10.0	9.3	1.0	4.5	4.6	4.0	6.2
Assaults (not indecent)	479.6	519.5	399.5	453.0	389.7	292.0	227.4
Robbery	102.7	62.0	12.4	48.4	18.8	8.0	207.2
Breaking and Entering	1,462.2	1,227.9	720.1	984.5	929.0	715.2	1,891.2
Theft Motor Vehicle	392.7	329.2	134.5	249.6	293.0	193.0	441.7
Theft Over $200	939.1	952.1	283.8	499.1	458.4	238.1	992.6
Theft $200 and Under	2,255.9	2,523.4	1,461.1	1,729.5	1,515.0	1,559.9	1,529.4
Have Stolen Goods	103.1	159.1	39.3	45.6	50.0	22.5	34.2
Frauds	427.5	448.4	275.2	259.5	239.4	209.9	273.8
Prostitution	6.2	13.9	0.6	2.2	0.2	0.8	2.0
Gaming and Betting	11.2	24.0	1.7	1.9	8.6	1.6	6.2
Offensive Weapons	66.6	84.4	32.2	68.8	56.9	30.5	22.7
Other Criminal Code	2,236.2	2,408.1	1,708.0	2,330.5	2,169.7	2,084.4	1,399.5
Other Federal Statutes	190.6	142.7	146.0	134.0	131.2	88.4	195.0
Addictive Opiate Like Drugs	19.1	19.2	5.2	5.5	12.7	18.5	17.8
Cannabis (Marihuana)	271.2	299.8	189.3	449.1	259.3	263.0	95.8
Controlled Drugs	4.1	7.1	0.1	1.1	1.8	4.0	1.3
Restricted Drugs	15.7	18.5	5.3	12.4	6.7	23.3	6.1
Provincial Statutes	1,893.4	2,079.7	1,537.6	3,849.9	1,878.3	3,333.8	86.1
Municipal By-Laws	310.1	238.1	27.2	226.9	228.3	14.4	391.6
All Offences	11,257.4	11,623.1	7,018.1	11,407.1	8,695.0	9,127.1	7,881.8

Table 7.3 (cont'd.)

Rate of Actual Offences[1] per 100,000 Population (For the Uniform Crime Reporting Offence Classification), by Province, Canada, 1979 and 1980

1980 Offence	Manitoba	Saskatchewan	Alberta	British Columbia	Northwest Territories	Yukon
Murder[2]	2.5	3.0	2.2	3.7	9.3	9.3
Attempted Murder	6.2	5.2	3.8	3.7	4.6	0.0
Manslaughter	0.4	0.2	0.4	0.2	0.0	0.0
Rape	16.3	11.9	14.2	17.6	58.1	32.7
Other Sexual Offences	42.8	26.6	59.6	56.1	81.3	93.4
Wounding	18.6	14.0	14.3	18.0	55.8	18.6
Assaults (not indecent)	396.5	509.2	643.7	845.5	3,104.6	2,453.3
Robbery	81.0	32.8	83.5	100.3	46.5	74.7
Breaking and Entering	1,393.5	1,163.1	1,495.7	1,772.1	2,986.0	2,411.2
Theft Motor Vehicle	442.5	385.0	551.2	468.6	816.2	929.9
Theft Over $200	955.4	689.8	1,089.2	1,178.0	951.1	1,724.2
Theft $200 and Under	2,834.3	2,082.7	2,535.3	3,277.0	3,290.6	5,135.5
Have Stolen Goods	99.0	79.3	167.6	94.5	148.8	144.8
Frauds	525.3	597.1	578.9	650.5	434.8	1,074.7
Prostitution	0.9	1.1	2.7	2.6	0.0	0.0
Gaming and Betting	1.9	1.1	3.0	1.9	2.3	4.6
Offensive Weapons	86.3	68.8	100.5	83.0	344.1	327.1
Other Criminal Code	2,406.7	2,155.4	2,425.8	3,490.9	7,300.0	5,747.6
Other Federal Statutes	233.7	283.3	384.2	173.2	341.8	831.7
Addictive Opiate Like Drugs	9.0	17.6	22.8	31.9	25.6	51.4
Cannabis (Marihuana)	236.8	295.8	506.8	370.5	681.3	640.1
Controlled Drugs	1.4	1.4	7.0	3.0	0.0	9.3
Restricted Drugs	15.9	12.5	40.0	17.5	6.9	14.0
Provincial Statutes	1,689.9	5,609.7	4,693.3	1,072.2	22,223.2	13,322.4
Municipal By-Laws	99.1	103.5	344.7	601.6	255.8	822.4
All Offences	11,597.4	14,151.2	15,771.4	14,335.3	43,169.7	35,873.8

1) Traffic and related offences not included

2) Includes first and second degree murder

Source: SC. Canadian Centre for Justice Statistics
Crime and Traffic Enforcement Statistics (85-205)

Table 7.4

Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario 1979 and 1980

	Rate					Number			
		Criminal Code							
1979	All Offences	Total	Crimes of Violence	Property Crimes	Other	Federal Statutes Drugs	Other Federal Statutes	Provincial Statutes	Municipal By-Laws
Sarnia	18,379.1	14,043.9	983.5	7,109.8	5,950.5	109	3	1,386	869
Brantford	16,276.4	14,050.6	1,204.0	8,878.4	3,968.1	112	7	465	954
Thunder Bay	16,226.2	11,246.8	811.4	7,110.4	3,324.9	185	8	3,029	2,325
Hamilton-Wentworth	13,371.6	11,276.1	1,020.6	6,949.6	3,305.7	2,458	27	6,023	113
Kingston	13,428.8	11,427.1	307.6	8,566.2	2,553.1	74	2	1,074	73
London	13,027.1	9,962.5	895.1	6,266.4	2,800.9	598	151	6,796	230
Peterborough	11,343.4	9,903.5	409.4	6,626.0	2,868.0	70	17	704	60
Windsor	13,614.4	12,193.7	1,149.4	7,223.8	3,820.4	168	129	1,589	900
North Bay	9,913.7	7,586.2	500.0	5,233.3	1,852.9	87	11	1,030	59
Niagara Regional Police Force	11,001.6	9,999.4	573.6	6,407.0	3,018.7	292	22	3,211	156
Durham Regional Police Force	10,434.5	8,003.1	661.0	4,582.9	2,759.0	1,011	569	4,592	84
Ottawa	11,632.5	10,274.4	642.5	7,714.2	1,917.6	197	52	2,722	1,121
Waterloo Regional Police Force	8,888.5	7,795.3	565.6	5,553.1	1,676.4	555	34	2,470	178
Toronto	9,404.8	7,371.9	620.1	4,731.1	2,020.5	6,894	442	35,969	2,631
Peel Regional Police Force	9,414.6	8,174.8	717.7	4,950.1	2,506.9	1,277	38	3,499	215
Guelph	8,796.6	7,302.9	312.7	4,604.4	2,385.6	113	1	896	55
Halton Regional Police Force	9,889.7	8,111.5	489.1	5,206.0	2,416.3	508	59	3,049	561
Nepean	8,668.2	7,698.7	281.7	5,381.7	2,035.3	0	5	347	443
Sault Ste. Marie	9,832.2	8,115.5	807.4	4,649.6	2,658.3	192	9	675	506
York Regional Police Force	7,002.8	5,207.7	258.7	3,569.0	1,379.9	395	50	3,362	29
Sudbury Regional Police Force	7,955.7	6,662.9	389.0	4,649.9	1,623.9	244	8	1,725	10

Table 7.4 (cont'd)

Summary and Rate of Crime per 100,000 Population, by Selected Police Jurisdiction, Ontario, 1979 and 1980

	Rate					Number			
		Criminal Code							
1980	All Offences	Total	Crimes of Violence	Property Crimes	Other	Federal Statutes Drugs	Other Federal Statutes	Provincial Statutes	Municipal By-Laws
Sarnia	21,001.9	15,512.9	1,180.9	8,165.0	6,166.9	131	1	1,486	1,143
Brantford	17,293.4	14,962.9	1,042.7	10,012.8	3,907.4	119	8	577	932
Thunder Bay	18,169.7	12,677.3	853.3	8,103.1	3,720.8	183	14	3,346	2,636
Hamilton-Wentworth	15,063.5	12,614.9	1,008.3	8,029.9	3,576.6	2,879	34	6,856	209
Kingston	12,838.0	11,312.6	290.4	8,188.8	2,833.3	100	6	801	54
London	13,975.0	10,532.3	874.2	6,719.2	2,938.8	670	82	7,909	180
Peterborough	10,849.4	9,223.3	443.3	6,116.7	2,663.2	42	8	836	75
Windsor	14,743.3	12,964.2	1,136.3	7,771.5	4,056.3	149	52	1,718	1,616
North Bay	10,687.2	7,976.0	488.0	5,631.4	1,806.5	120	12	1,189	40
Niagara Regional Police Force	12,174.2	10,881.5	634.0	6,802.3	3,445.1	556	18	3,905	269
Durham Regional Police Force	11,763.0	8,717.5	640.6	5,112.6	2,964.2	1,192	726	6,054	114
Ottawa	12,175.2	10,834.0	664.7	8,206.7	1,962.4	493	38	2,701	809
Waterloo Regional Police Force	9,748.5	8,621.6	661.0	6,009.7	1,950.8	759	13	2,401	175
Toronto	10,170.2	8,206.0	665.8	5,347.8	2,192.2	7,929	399	33,735	2,322
Peel Regional Police Force	9,988.3	8,765.4	746.1	5,576.7	2,442.4	1,139	45	3,821	141
Guelph	9,023.8	7,364.1	338.9	4,812.3	2,212.8	118	0	1,037	30
Halton Regional Police Force	10,325.2	8,759.8	521.9	5,698.1	2,539.8	353	72	2,703	549
Nepean	9,501.8	7,984.2	249.0	5,888.2	1,846.9	0	23	574	652
Sault Ste. Marie	10,904.3	9,622.3	914.2	5,383.8	3,324.2	154	1	444	433
York Regional Police Force	7,185.6	5,526.4	267.2	3,896.4	1,362.7	366	42	3,276	16
Sudbury Regional Police Force	8,205.4	7,011.2	397.8	5,097.1	1,516.1	242	8	1,648	20

Source: SC, *Canadian Centre for Justice Statistics, Crime and Traffic Enforcement Statistics, (85-205)*

Table 7.5

Number of Juveniles[1] Charged by Offence Group, Canada and Ontario, 1973-1980[2]

	Offence Group	Canada			Ontario		
		Total	Male	Female	Total	Male	Female
1973	Criminal Code	58,305	51,324	6,981	15,775	13,653	2,122
	Federal Statutes[3]	3,607	2,767	840	738	544	194
	Provincial Statutes	10,958	6,957	4,001	2,272	1,542	730
	Municipal By-Laws	1,115	1,016	99	74	70	4
	Total	73,985	62,064	11,921	18,859	15,809	3,050
1974	Criminal Code	64,033	56,474	7,559	18,190	15,605	2,585
	Federal Statutes[3]	4,580	3,666	914	1,072	892	180
	Provincial Statutes	11,065	7,339	3,726	2,578	1,796	782
	Municipal By-Laws	1,426	1,255	171	68	64	4
	Total	81,104	68,734	12,370	21,908	18,357	3,551
1975	Criminal Code	71,212	62,832	8,380	18,590	16,068	2,522
	Federal Statutes[3]	4,145	3,328	817	978	796	182
	Provincial Statutes	11,817	7,467	4,350	2,205	1,515	690
	Municipal By-Laws	1,617	1,420	197	70	67	3
	Total	88,791	75,047	13,744	21,843	18,446	3,397
1976	Criminal Code	71,120	61,862	9,258	18,318	15,488	2,830
	Federal Statutes[3]	4,672	3,738	934	999	804	195
	Provincial Statutes	12,058	7,727	4,331	1,868	1,274	594
	Municipal By-Laws	1,023	949	74	72	69	3
	Total	88,873	74,276	14,597	21,257	17,635	3,622
1977	Criminal Code	69,553	60,660	8,893	16,718	14,526	2,192
	Federal Statutes[3]	4,448	3,569	879	1,153	889	264
	Provincial Statutes	12,581	8,440	4,141	2,063	1,514	549
	Municipal By-Laws	1,035	929	106	52	47	5
	Total	87,617	73,598	14,019	19,986	16,976	3,010
1978	Criminal Code	70,392	60,872	9,520	17,518	14,953	2,565
	Federal Statutes[3]	4,366	3,664	702	1,187	976	211
	Provincial Statutes	11,927	8,197	3,730	2,081	1,590	491
	Municipal By-Laws	722	616	106	59	52	7
	Total	87,407	73,349	14,058	20,845	17,571	3,274
1979[4]	Criminal Code	155,150	..	..	51,902	..	..
	Federal Statutes[3]	6,789	..	..	3,513	..	..
	Provincial Statutes	23,724	..	..	10,179	..	..
	Municipal By-Laws	2,162	..	..	755	..	..
	Total	187,825	..	..	66,349	..	..
1980[4]	Criminal Code	161,428	..	..	51,756	..	..
	Federal Statutes[3]	6,949	..	..	3,218	..	..
	Provincial Statutes	21,666	..	..	9,537	..	..
	Municipal By-Laws	2,420	..	..	680	..	..
	Total	192,463	..	..	65,191	..	..

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1) A juvenile in Ontario is an individual who has not yet reached his or her 16th birthday. In other provinces, this age does vary.
2) Traffic and related offences are not included.
3) Federal Statutes includes drug offences under the Narcotics Control Act and the Food and Drug Act.
4) Figures for 1979 and 1980 refer to all juveniles who were processed (either charged or not charged) by the police.

Source: SC, *Canadian Centre for Justice Statistics*
Crime and Traffic Enforcement Statistics (85-205)

Table 7.6

Nature of the Court Decision[1] Rendered for Juveniles Appearing in Court[2], Canada[3] and Ontario, 1976-1980

	1976		1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada[5]	Ontario	Canada	Ontario
Adjourned Sine Die[4]	7,037	2,790	5,635	2,334	2,914	1,379	2,082	1,233	3,391	1,739
Adult Court	184	3	101	—	123	2	121	6	139	4
Other Adjudications	4,960	1,934	3,954	1,645	3,544	1,483	3,076	1,446	3,953	1,672
Found Delinquent	36,878	11,152	35,751	9,941	38,287	10,272	26,817	10,578	28,008	9,974
Juvenile Institution	1,561	731	1,532	635	1,516	696	1,699	723	1,887	712
Referral to Province	922	318	1,014	365	1,330	508	1,160	518	1,201	441
Probation Supervision	12,173	4,745	11,454	4,607	12,276	4,565	10,059	4,554	10,436	4,667
Fine/Restitution	11,583	1,285	11,509	1,138	11,766	1,166	5,331	1,310	7,195	1,296
Adjourned Indefinitely[4]	5,318	1,190	5,400	1,226	7,197	1,416	4,165	1,711	2,616	1,312
Suspended Disposition	3,536	2,712	2,520	1,713	2,905	1,514	2,518	1,423	2,471	1,182
Reprimanded	1,209	42	1,363	44	1,261	35	804	22	1,123	27
Other Not Known	576	129	959	213	1,036	372	1,081	317	1,079	337
Total	49,059	15,879	45,441	13,920	44,868	13,136	32,096	13,263	35,491	13,389

1) Only the most serious court decision rendered for each individual is included in this table. Figure shown represents number of persons, not number of appearances.

2) This table includes adults charged with contributing to delinquency.

3) The 'Canada' total excludes British Columbia for all years, Prince Edward Island for the years 1975 to 1978 and the Northwest Territories for the Years 1975 to 1979. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for the years 1975 to 1979.

4) The proportion of cases adjourned with and without a finding of deliquency changed significantly between 1977 and 1978. This is due to a change in data processing procedures. Details of this change can be obtained from the Juvenile Services Programme Chief, (613) 995-1067

5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec

Source: SC, *Canadian Centre for Justice Statistics*

Table 7.7

Sex and Age[1] of Juveniles Appearing in Court for Charges of Delinquency, Canada and Ontario, 1976-1980

		Age					
		7–11	12–13	14–15	16–17[2]	Other[3]	Total
Canada[4]							
1976	M	1,930	6,441	19,012	11,169	1,462	40,014
	F	272	1,403	3,992	3,159	219	9,045
	T	2,202	7,844	23,004	14,328	1,681	49,059
1977	M	1,418	5,560	17,665	10,612	1,392	36,647
	F	166	1,209	3,705	3,488	226	8,794
	T	1,584	6,769	21,370	14,100	1,618	45,441
1978	M	1,223	5,364	17,575	10,672	1,636	36,470
	F	167	1,099	3,695	3,202	235	8,398
	T	1,390	6,463	21,270	13,874	1,871	44,868
1979[5]	M	1,171	4,515	15,186	4,980	1,210	27,062
	F	141	928	3,092	661	212	5,034
	T	1,312	5,443	18,278	5,641	1,422	32,096
1980	M	1,035	4,370	15,596	7,628	1,088	29,717
	F	136	984	3,316	1,131	207	5,774
	T	1,171	5,354	18,912	8,759	1,295	35,491
Ontario							
1976	M	1,197	3,113	8,426	...	359	13,095
	F	191	742	1,795	...	56	2,784
	T	1,388	3,855	10,221	...	415	15,879
1977	M	872	2,560	7,784	...	377	11,593
	F	103	550	1,617	...	57	23,327
	T	975	3,110	9,401	...	434	13,920
1978	M	718	2,368	7,395	...	416	10,897
	F	94	452	1,631	...	62	2,239
	T	812	2,820	9,026	...	478	13,136
1979	M	733	2,250	7,587	. . .	360	10,930
	F	100	454	1,674	. . .	105	2,333
	T	833	2,704	9,261	. . .	465	13,263
1980	M	666	2,227	7,769	. . .	281	10,943
	F	104	498	1,770	. . .	74	2,446
	T	770	2,725	9,539	. . .	355	13,389

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1) Age is the age at the time the delinquency was committed.

2) Only the provinces of Newfoundland, British Columbia, Manitoba and Quebec have age limits greater than fifteen years. In the first two provinces the limit is under seventeen years; in the latter two, it is under eighteen years. The age limit for females in Alberta was under eighteen years until October, 1978, at which time it was lowered to under sixteen years.

3) The 'Canada' total excludes British Columbia for all years, Prince Edward Island for the years 1975 to 1978 and the Northwest Territories for the years 1975 to 1979. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for the years 1975 to 1979.

4) For the years 1975 to 1978, British Columbia, Prince Edward Island and the Northwest Territories are not included in the 'Canada' figures. For 1979 British Columbia and the Northwest Territories are excluded. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for all years.

5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec.

Source: SC, *Canadian Centre for Justice Statistics*

Table 7.8

Number of Juveniles[1] Appearing in Court, by Nature of the Delinquency[2], Canada[3] and Ontario, 1976-1980

	1976		1977		1978		1979		1980	
Nature of Delinquency	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada[5]	Ontario	Canada	Ontario
Break and Enter	10,327	3,386	9,492	3,013	9,646	2,989	7,716	2,774	8,088	2,870
Theft	13,674	5,260	10,877	3,920	11,029	3,445	8,473	3,672	7,974	3,638
Possess. Stolen Goods	2,524	1,074	2,910	1,052	2,308	932	1,698	887	1,655	887
Mischief	3,310	1,128	2,789	911	2,944	892	2,369	913	2,561	1,030
Take car	766	342	767	349	666	283	604	314	545	276
Auto Offence – C. Code	688	50	699	66	796	85	570	60	631	64
Forgery and Fraud	444	165	447	127	476	141	360	148	400	166
Violent Crimes[4]	2,063	719	1,945	623	2,063	672	1,884	733	1,864	773
Narcotic Offences	1,747	428	1,651	424	1,523	348	1,086	432	1,218	505
Prov. Traffic Offence	3,358	653	3,807	636	3,343	602	1,408	578	2,206	533
Prov. Liquor Offence	4,866	865	4,549	839	3,739	763	1,844	844	3,951	763
Prov. School Offence	393	213	499	354	513	371	560	407	635	463
Municipal By-Laws	576	48	783	55	1,282	45	170	33	242	41
Other Offence	4,323	1,548	4,226	1,551	4,540	1,568	3,354	1,468	3,521	1,380
Total	49,059	15,879	45,441	13,920	44,868	13,136	32,096	13,263	35,491	13,389

1) This table includes adults charged with contributing to delinquency.

2) For each person, only the delinquency for which the most serious court action was taken is included in this table.

3) The 'Canada' total excludes British Columbia for all years, Prince Edward Island for the years 1975 to 1978 and the Northwest Territories for the years 1975 to 1979. Provincial traffic and liquor offences for the province of Manitoba are not included in the 'Canada' total for the years 1975 to 1979.

4) Includes the following criminal code offences: assaults, sexual offences, murder and attempted murder, manslaughter and robbery.

5) There is a sharp decline in the total number of juveniles dealt with in Canadian courts between 1978 and 1979. Approximately 90% of this decline can be attributed to the implementation of the Youth Protection Act in the province of Quebec.

Source: SC, *Canadian Centre for Justice Statistics.*

Table 7.9

Percentage Distribution of Sentences Imposed for Individual Offences by Offence Category, Ontario, 1981-82[1]

Offence Category		Total Counts	Sentence Length Under 8 days	8-15 Days	16-29 Days	30-59 Days	60-89 Days	90 Days < 6 Mo.	6 Mo. <1 Yr.	1 Yr. < 2 Yr.	2 Yr. & Over
		#					%				
Against the Person	M	5,377	13.6	18.1	4.6	27.7	9.9	14.3	5.5	2.3	4.1
	F	297	23.6	21.5	3.7	25.9	5.1	10.1	4.0	2.7	3.4
Against Property	M	28,754	8.6	8.9	2.2	18.7	8.8	20.0	16.6	10.7	5.5
	F	2,139	17.0	14.4	2.7	22.0	11.7	17.9	8.9	4.6	0.8
Against Public Morals & Decency	M	649	6.0	6.5	1.5	13.3	8.2	19.4	16.5	14.0	14.6
	F	56	37.5	26.8	5.4	14.3	5.4	10.7	–	–	–
Against Public Order & Peace	M	5,626	18.2	22.6	4.3	24.8	7.6	11.1	7.1	3.5	0.8
	F	381	27.3	26.0	2.6	24.1	5.8	5.8	6.0	1.6	0.8
Drug Offences	M	4,141	15.3	16.4	4.4	21.4	9.2	16.5	8.4	5.3	3.2
	F	210	18.6	7.6	1.9	17.1	13.3	23.3	8.1	8.1	1.9
Liquor Offences	M	12,842	90.5	5.6	1.4	2.3	0.1	0.1	–	–	–
	F	1,440	89.9	4.7	1.7	3.7	–	–	–	–	–
Traffic Offences	M	15,048	29.6	37.0	10.2	11.2	2.5	8.3	1.1	0.1	–
	F	511	43.1	35.0	9.4	9.6	0.8	2.0	0.2	–	–
Municipal By-Laws & other Statutes	M	19,396	64.1	13.4	4.1	11.5	2.6	2.6	1.0	0.7	0.2
	F	1,969	72.9	12.0	2.2	9.6	1.8	1.0	0.2	0.3	–
Not Categorized	M	1,230	33.7	14.9	3.9	11.8	5.5	7.9	13.7	4.4	4.1
	F	49	32.7	18.4	4.1	12.2	6.1	10.2	10.2	4.1	2.0
Total	M	93,063	36.3	15.7	4.1	14.6	5.2	10.5	6.9	4.2	2.3
	F	7,052	50.5	14.1	2.9	13.9	5.1	7.4	3.6	1.9	0.5

1) Data is as of March 31

Source: Ministry of Correctional Services, Report of the Minister

Table 7.10

Use of Jail and Detention Centre Accommodation, by Institution, Ontario, 1981-1982[1]

Institution	Year Opened	Capacity				Counts						Days Stay	
		Design		Operational		Minimum		Maximum		Average			
		M	F	M	F	M	F	M	F	M	F	Total	Remand
Barrie	1843	68	6	78	8	49	0	101	8	71	2	26,915	13,788
Brantford	1852	38	3	38	3	31	0	61	0	44	0	16,112	9,145
Brockville	1842	21	2	21	3	12	0	38	3	22	0	8,042	2,194
Chatham	1850	47	0	47	0	14	0	56	0	35	0	12,651	4,611
Cobourg	1906	36	3	36	3	9	0	41	3	24	0	8,667	1,754
Cornwall	1833	20	1	24	1	10	0	34	1	24	0	8,630	2,582
Fort Frances	1907	10	0	19	3	8	0	24	3	15	0	5,496	1,256
Haileybury	1923	29	3	38	3	16	0	44	4	32	1	12,003	6,371
Kenora	1928	64	29	70	29	36	3	108	32	69	14	30,500	8,509
Lindsay	1863	18	6	30	6	10	0	45	2	27	0	9,831	3,158
L'Original	1828	20	0	20	0	4	0	26	0	14	0	5,000	1,958
Monteith	1965	26	0	26	0	7	0	33	0	19	0	7,074	2,593
North Bay	1928	53	4	62	5	30	0	87	4	50	1	18,536	6,241
Owen Sound	1869	31	6	40	6	17	0	44	2	30	0	10,971	2,296
Parry Sound	1878	31	4	44	6	16	0	57	4	28	0	10,315	5,265
Pembroke	1866	24	4	24	4	15	0	37	4	25	0	9,272	3,115
Perth	1864	24	2	24	2	7	0	26	2	17	0	6,208	1,684
Peterborough	1866	24	1	36	2	16	0	44	3	28	0	10,402	4,090
Sarnia	1961	58	1	58	1	22	0	70	1	45	0	16,591	4,379
Sault Ste. Marie	1914	32	4	57	4	21	0	80	8	55	3	21,249	8,844
Stratford	1887	27	0	36	0	18	0	43	0	31	0	11,452	1,809
Sudbury	1928	59	6	118	11	48	2	109	18	74	8	30,066	12,916
Thunder Bay	1923	74	3	92	5	30	0	105	6	56	2	24,453	7,509
Toronto Jail (New Section)	1958	228	0	414	0	342	0	533	0	435	0	158,931	129,765
Walkerton	1866	32	2	32	2	14	0	40	1	27	0	9,904	1,848
Whitby	1958	58	4	120	7	54	0	146	13	87	5	33,832	15,222
Windsor	1925	92	5	92	5	48	1	127	11	85	5	32,658	15,765

Table 7.10 (cont'd.)

Use of Jail and Detention Centre Accommodation, by Institution, Ontario, 1981-82[1]

Institution	Year Opened	Capacity				Counts						Days Stay	
		Design		Operational		Minimum		Maximum		Average			
		M	F	M	F	M	F	M	F	M	F	Total	Remand
Elgin-Middlesex D.C.	1977	156	16	156	16	136	5	242	23	180	12	70,284	21,262
Hamilton-Wentworth D.C.	1978	180	20	240	30	216	15	325	41	270	27	108,412	51,419
Niagara D.C.	1973	139	0	120	0	96	0	158	0	121	0	44,057	19,439
Toronto East D.C.	1977	200	0	340	0	272	0	438	0	350	0	127,754	82,570
Toronto West D.C.	1977	140	60	280	100	260	52	353	101	326	75	146,391	77,579
Ottawa-Carleton	1972	176	10	176	18	110	2	227	16	166	7	63,264	33,140
Quinte D.C.	1971	96	6	108	6	63	0	132	11	93	4	35,449	10,035
Waterloo D.C.	1978	60	0	60	0	36	0	83	0	61	0	22,357	10,852
Wellington	1980	94	4	94	4	42	0	107	4	72	1	26,675	8,015
Totals		2,485	215	3,270	293	2,135	80	4,224	329	3,108	1[illegible]7	1,200,404	592,978

1) Figures are as of March 31.

Source: Ministry of Correctional Services, *Report of the Minister*

Table 7.11
Percentage Distribution of Persons Admitted to Provincial Jail[1] by Age and Sex, Ontario, 1981-82

		Total	16 Years	17 Years	18 Years	19-24 Years	25-35 Years	36-50 Years	Over 51 Years
Admitted 1981-82	M	44,078	3.3	6.0	7.2	35.7	28.0	14.5	5.4
	F	4,043	4.9	6.9	7.1	32.2	30.5	14.1	4.0
	T	48,121	3.4	6.1	7.1	35.4	28.2	14.4	5.3
Sentenced to Imprisonment 1981-82	M	33,057	2.5	5.8	7.2	36.4	27.6	14.8	5.7
	F	2,426	3.2	6.6	7.0	31.4	31.6	15.6	4.6
	T	35,483	2.6	5.8	7.2	36.0	27.9	14.8	5.7

Source: Ministry of Correctional Services, Report of the Minister

Table 7.12

Motor Vehicle Accidents, Ontario 1950-1980

		Accidents			Persons	
Year	Total Accidents	Fatal	Personal Injury	Property Damage Only	Killed	Injured
1950	43,681	676	13,871	29,132	791	19,940
1951	54,920	824	15,653	38,443	949	22,557
1952	58,515	893	16,300	41,322	1,010	23,634
1953	65,866	920	16,639	48,307	1,062	24,353
1954[1]	62,509	897	16,810	44,802	1,045	24,607
1955	63,219	971	17,905	44,343	1,111	26,246
1956	71,399	1,008	19,358	51,033	1,180	28,626
1957	76,302	1,069	20,433	54,780	1,279	30,414
1958	76,884	965	20,575	55,344	1,112	30,106
1959	81,518	1,006	21,502	59,010	1,187	31,602
1960	87,186	987	23,714	62,485	1,166	34,436
1961	85,577	1,098	25,643	58,836	1,268	37,146
1962	94,231	1.139	28,667	64,425	1,383	41,766
1963	104,919	1,222	32.718	70,979	1,421	47,801
1964	111,232	1,202	36,527	73,503	1,424	54,560
1965	128,462	1,318	41,047	86,097	1,611	60,917
1966	139,781	1,347	44,246	94,188	1,596	65,210
1967	145,008	1,400	45,023	98,585	1,719	67,280
1968	155,127	1,346	47,719	106,062	1,586	71,520
1969	169,395	1,410	50.136	117,849	1,683	74,902
1970[2]	141,609	1,300	50,372	89,937	1,535	75,126
1971	158,831	1,498	56,117	101,216	1,769	84,650
1972	189,494	1,620	63,541	124,333	1,934	95,181
1973	193,021	1,625	65,335	126,061	1,959	97,790
1974	204,271	1,470	66,352	136,449	1,748	98,673
1975	213,689	1,520	65,811	146,358	1,800	97,034
1976	211,865	1,265	58,028	152,572	1,511	83,736
1977	218,567	1,213	63,787	153,567	1,420	95,664
1978[3]	186,363	1,263	62,664	122,436	1,450	94,979
1979	197,196	1,316	67,201	128,679	1,560	101,321
1980	196,501	1,296	67,391	127,814	1,508	101,367

1) In April, 1954, the amount for a property-damage-only collision was raised from $50.00 to $100.00

2) On January 1, 1970, the minimum reportable amount for a property-damage-only collision was raised to over $200 from over $100

3) On January 1, 1978 the reporting criterion for property-damage-only accidents was raised from $200 to $400

Source: Ministry of Transportation and Communications, Public and Safety Information Branch

Table 7.13

Motor Vehicle Accidents, by County, Ontario, 1980

	Total Accidents	Accidents			Persons	
		Fatal	Personal Injury	Property Damage	Killed	Injured
Ontario	196,501	1,296	67,391	127,814	1,508	101,367
Algoma	4,028	36	1,320	2,672	45	1,995
Brant	2,498	15	835	1,648	16	1,266
Bruce	1,194	16	395	783	20	619
Cochrane	1,986	16	647	1,323	16	943
Dufferin	763	7	267	489	7	464
Dundas	416	7	110	299	8	183
Durham	5,617	44	2,151	3,422	56	3,367
Elgin	1,295	13	517	765	16	814
Essex	7,175	50	2,638	4,487	55	4,012
Frontenac	2,542	13	841	1,688	15	1,247
Glengarry	515	8	187	320	8	315
Grenville	520	8	188	324	13	306
Grey	1,509	13	544	952	15	873
Haldimand-Norfolk	1,931	30	704	1,197	31	1,138
Haliburton	411	9	152	250	14	240
Halton	5,564	41	1,939	3,584	49	2,961
Hamilton-Wentworth	9,417	47	3,673	5,697	49	5,558
Hastings	2,398	24	849	1,525	31	1,269
Huron	1,116	14	354	748	17	526
Kenora	1,449	26	475	948	34	797
Kent	2,282	22	850	1,410	24	1,315
Lambton	2,710	24	964	1,722	29	1,489
Lanark	1,029	14	348	667	17	545
Leeds	1,065	12	375	678	13	575
Lennox & Addington	655	10	247	398	11	388
Manitoulin	249	5	94	150	7	163
Middlesex	7,325	38	2,767	4,520	47	4,115
Muskoka	1,184	22	426	736	27	714
Niagara	8,824	48	3,051	5,725	53	4,568
Nipissing	1,886	19	663	1,204	26	1,071
Northumberland	1,392	15	557	820	16	892
Ottawa-Carleton	12,994	53	3,521	9,420	61	4,996
Oxford	1,872	23	677	1,172	27	1,035
Parry Sound	1,023	20	392	611	22	692
Peel	10,478	60	3,476	6,942	66	5,262
Perth	1,263	17	402	844	20	675
Peterborough	2,459	18	917	1,524	22	1,430
Prescott	727	14	227	486	16	364
Prince Edward	380	5	123	252	5	202
Rainy River	612	7	157	448	7	271
Renfrew	1,869	22	670	1,177	27	1,044
Russell	390	5	134	251	6	220
Simcoe	5,165	36	1,862	3,267	39	3,010
Stormont	1,446	10	502	934	11	739
Sudbury	4,083	39	1,518	2,526	42	2,402
Thunder Bay	4,984	45	1,394	3,545	61	2,155
Timiskaming	985	15	302	668	18	498
Victoria	1,070	8	391	671	9	627
Waterloo	6,649	34	2,230	4,385	42	3,399
Wellington	2,592	25	867	1,700	27	1,387
York	54,515	174	18,501	35,840	195	26,231

Source: Ministry of Transportation and Communications, Public and Safety Information Branch

Section 8

Recreation and Tourism

Highlights

- **Recreation** – Per capita expenditure on motion picture entertainment in 1980 was $14.45 in Ontario and $13.01 in Canada. Of the 1,037 motion picture theatres in Canada in 1980, 279 or 26.9 per cent were situated in Ontario. These 279 theatres had a seating capacity of 205,013. The number of theatres in Toronto was 68 or 24.4 per cent of the Ontario total. In 1980 Ontario had 32.9 per cent of Canada's car capacity for drive-in theatres, and 87 (or 30.3 per cent) of the 287 drive-in theatres in Canada.

Between 1965 and 1975 the number of campers jumped 79.7 per cent from 902,472 to 1.6 million. Since 1975 this rapid increase has not been maintained, and the number of campers has in fact decreased from 1975 to 1981 by 18.5 per cent. Over the five years 1976 to 1980 camper origin changed by several percentage points. In 1976, 75 per cent came from Ontario, 8 per cent from other provinces and 17 per cent from the U.S.A. In 1980 these percentages were respectively 78 per cent, 7 per cent, and 15 per cent.

In terms of total hotels there was a 4.3 per cent decrease in the number of establishments from 1,198 in 1979 to 1,147 in 1980. The number of available guest rooms decreased by 0.8 per cent from 60,770 in 1979 to 60,299 in 1980.

There was a 2.0 per cent decrease in the number of Canadians returning from the U.S. between the years 1980 and 1981 to a mark of 14.9 million. This surpasses the high point reached in 1970 by 6.9 per cent.

The number of U.S. visitors entering Canada has fluctuated over the past few years and reached a high of 39.8 million persons in 1981. This is 3.4 per cent higher than the 1980 mark and 13.1 per cent higher than the 1974 record high of 35.2 million. In 1981, Ontario provided the port of entry for 71.0 per cent of the American visitors to Canada, of which 90.3 per cent arrived by automobile.

Of the 1,219,937 non-North American travellers entering Ontario in 1981 Europe accounted for 62.6 per cent followed by the Asian countries with 18.0 per cent. Ontario provided the port of entry for 56.9 per cent of foreign visitors to Canada.

Definitions

Days-Nights Stay – The days or nights stay of a person travelling in a country other than that in which he usually resides. Unless otherwise stated, total days or nights stay for returning citizens and residents is the time spent outside of Canada and includes days or nights en route. Data are derived from continuous questionnaire surveys and not from hotel statistics. Included are nights spent in all types of accommodation, such as hotels, motels, hostels, tourist or private homes, camping out, etc.

Direct to Canada - Via the United States – These designations are used in overseas travel and are determined on the basis of entry for visitors and re-entry for Canadians. Persons travelling directly to Canada from overseas countries are considered as direct travellers and those travelling to Canada through or by way of the United States are referred to as travellers via the United States. Expenditures in the United States by Canadians travelling to and from overseas countries via the United States are included in the travel payments to the United States.

Free Time Activities – Any recreational activities or leisure time activities that would be included in the categories of arts, crafts and hobbies, relaxing indoors, exercising, relaxing outdoors, education, informal social activities, community and service activities and home improvement or maintenance.

The collection document used in the survey did not define, except by example where necessary, the categories of events and activities listed. Hence, respondents may have reported under "live theatre" anything from attendance at a school play to attendance at professional theatre. In like fashion, the response to "walking for exercise" may range from rigorous hiking to a leisurely stroll in the park, while swimming may represent either competitive swimming or an occasional dip at the pool.

Household – A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings.

The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

Leisure-Time Activity – The questionnaire specified that only "conscious leisuretime activities" should be reported. That is, listening to the car radio while driving to work, or listening to records while doing the housework, were not to be included as leisure-time activities. Also, professional or semi-professional sports activities were not to be reported.

Other Traveller Methods – Pedestrians, bicycles, motorcycles, etc.

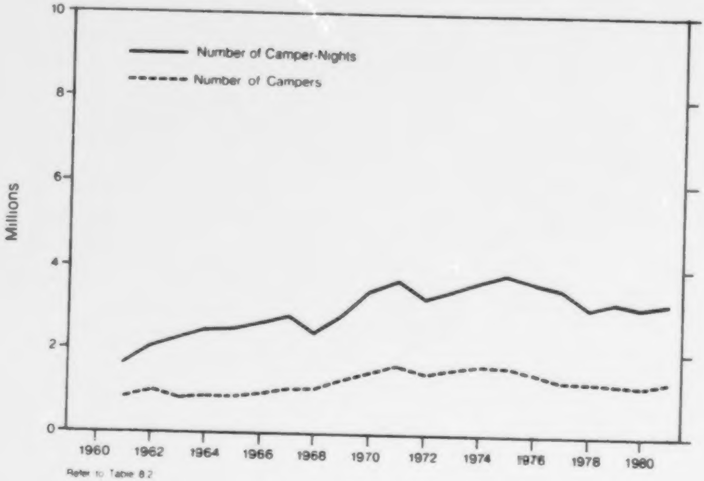
Overseas Countries – All countries other than the United States of America. Overseas includes the countries of Puerto Rico, St. Pierre and Miquelon, and the Virgin Islands and other United States protectorates. In the case of returning citizens and residents, Hawaii is considered as a United States destination (since 1976).

Recreational Activities – For purposes of the Ontario Recreation Survey all activities in which the respondent participates without being paid, which was not part of a school curriculum, or which was done for fund raising are considered recreation.

Returning Citizen and Resident – An international traveller, resident of Canada, who returns to Canada from abroad through a Customs and Immigration point after an absence of less than one year.

Graph 8.A

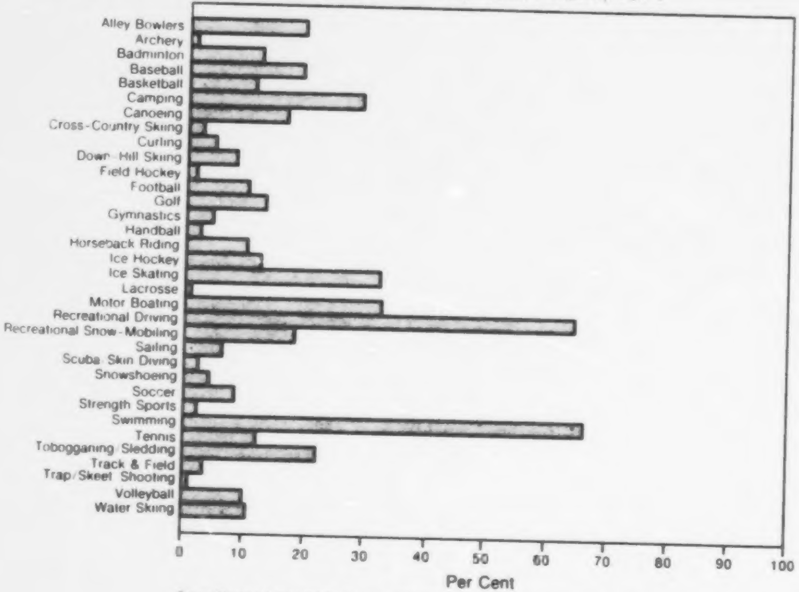
Provincial Park Camping Attendance, 1961-1981



Refer to Table 8.2

Graph 8.B

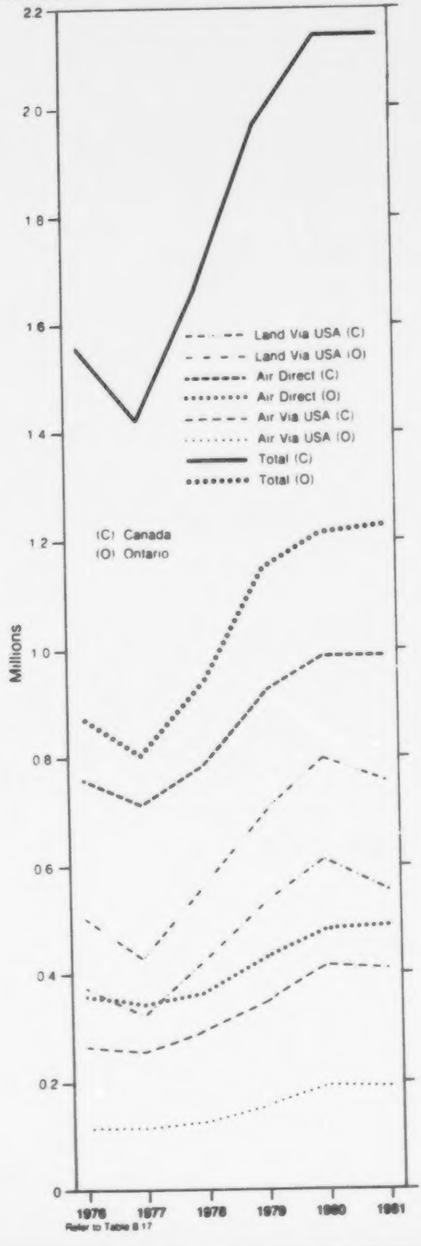
Participation in Selected Recreational Activities by Rate, Ontario, 1974



Source: Ministry of Culture and Recreation, *Tourism and Recreational Behaviour of Ontario Residents*, Vol. 7, *Profiles of Participants*

Graph 8.C

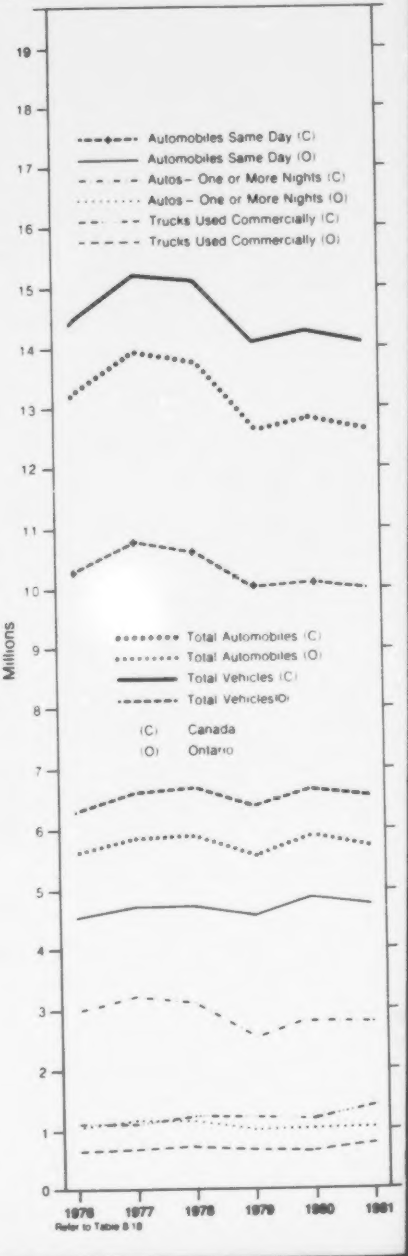
Residents of Countries Other than U.S.A. Entering Canada by Type of Transportation, Canada and Ontario, 1976-1981



Refer to Table 8.17

Graph 8.D

Canadian Vehicles Returning from the United States, Canada and Ontario, 1976-1981



Refer to Table 8.18

Table 8.1

Provincial Parks Summary, Ontario 1961-1981

Fiscal Year	Parks	Area (hectares)	Total Permit and Recorded Visitations[1]	Total Interpretive Contacts[2]	Developed Campsites
1961	77	1,402,610	3,135,921	399,167	10,591
1962	81	1,408,755	3,866,433	487,395	12,745
1963	86	1,495,846	4,234,021	495,014	13,951
1964	88	1,501,955	4,549,292	531,300	14,622
1965	89	1,514,377	4,217,351	469,914	15,427
1966	92	1,516,444	4,466,445	545,021	15,922
1967	94	1,520,081	4,644,129	579,850	16,201
1968	96	1,522,989	4,517,674	661,598	17,298
1969	97	3,391,055	5,359,290	774,097	18,039
1970	108	4,142,672	6,185,012	754,021	18,296
1971	113	4,161,263	6,524,459	892,760	18,941
1972	115	4,193,825	5,303,131	796,709	19,983
1973	115	4,210,802	5,872,470	894,314	20,209
1974	117	4,215,236	5,762,457	919,286	20,036
1975	121	4,235,651	6,227,032	1,454,270	20,332
1976	122	4,359,196	5,911,905	1,485,340	19,851
1977	126	4,360,485	5,789,217	1,900,016	20,035
1978	128	4,272,236	5,250,417	1,803,156	20,176
1979	128	4,255,388	5,469,460	1,401,256	20,723
1980	131	4,256,729	5,517,193	1,277,229	20,723
1981	131	4,252,960	6,245,507	1,415,422	20,757

1) In Visitor Days being the sum of average occupants/vehicle x number of daily vehicle permits issued + average occupants/vehicle x number of annual vehicle permits x 10 + number of occupants per bus + number of camper nights + group day-use visitors + group camping camper nights + interior camping camper nights + free day use visitors

2) Park visitors who have participated in programmes run by Parks Visitor Services (e.g., museum attendance, guided nature hikes, etc.)

Source: Ministry of Natural Resources, Ontario Provincial Parks Annual Statistical Reports

Table 8.2

Provincial Park Camping Attendance, Ontario 1963-1981

Fiscal Year	Camper Origin: Ontario	Other Provinces	USA	Campers	Camper Nights	Average length of stay (days)	July-Aug. Occupancy[1] (%)	Average party size (persons)
1963	64	7	29	840,491	2,353,375	2.8	–	4.0
1964	66	6	28	916,281	2,495,556	2.7	–	4.0
1965	63	7	30	902,472	2,495,284	2.8	50	4.0
1966	66	6	28	994,787	2,653,055	2.7	52	4.1
1967	61	10	29	1,155,091	2,805,143	2.4	44	4.2
1968	69	7	24	1,119,912	2,457,801	2.2	51	–
1969	–	–	–	1,360,639	2,956,214	2.2	55	–
1970	68	6	26	1,531,528	3,524,322	2.3	60	3.9
1971	–	–	–	1,618,948	3,788,525	2.3	62	3.9
1972	–	–	–	1,498,479	3,291,559	2.2	53	3.4
1973	–	–	–	1,600,817	3,547,215	2.2	58	2.8
1974	–	–	–	1,615,677	3,702,059	2.3	62	2.8
1975	–	–	–	1,621,887	3,979,473	2.5	66	2.7
1976	75	8	17	1,515,353	3,766,796	2.5	64	3.0
1977	73	9	18	1,371,039	3,571,581	2.6	58	2.5
1978	77	9	14	1,324,808	3,116,421	2.3	54	2.6
1979	77	8	15	1,355,752	2.4	56	2.6	
1980	78	7	15	1,319,762	3,195,477	2.4	57	2.6
1981	–	–	–	1,321,494	3,283,299	2.5	–	2.6

1) $\%\ \text{occupancy} = \dfrac{\text{number of campsite nights occupancy (July-Aug)}}{\text{Total number of developed campsites in parks} \times 62} \times 100$

Source: Ministry of Natural Resources, Ontario Provincial Parks Annual Statistical Reports

Table 8.3

Provincial Parks, Summary Table of Economic Impact, 1981

	Millions of Dollars		Man Years	
	1979	1981	1979	1981
Revenue to Crown	24.4	26.8	. . . .	. . . .
Direct[1]	6.6	7.2	. . . .	. . . .
Indirect[2]	17.8	19.6	. . . .	. . . .
Economic Impact in Income Terms				
Park Visitor Expenditures Effects[3]	127.0	164.5	4,788	5,348
Park Programme Expenditures Effects[4]	68.0	72.4	2,864	2,678
Total Impact in Income Terms[5]	195.0	236.9		
Total Employment Effects[6]	. . . .	. . . .	7,652	8,026

1) To Ontario government resulting from permit and concession revenues in provincial parks
2) To Ontario government resulting from all taxes on programme and visitor expenditures
3) Direct, indirect expenditures effects by park day users and campers.
4) Direct, indirect expenditures effects by provincial park programme
5) Sum of direct, indirect and induced effects, in income terms, to the Ontario economy
6) Sum of employment effects generated from direct, indirect expenditures

Source: Econometric Research Limited, *The Economic Impact of Provincial Park Expenditures in Ontario, February, 1981*

Table 8.4

Number of Person-trips and Expenditure by Travellers in Ontario, by Origin, 1980-1981

Origin	Number of Person-Trips		Expenditure	
	1980	1981	1980	1981^{p}
	000's		$ Millions of current	
Ontario	94,320	99,979	5,210	6,103
Other Provinces	12,260	12,750	804	924
United States	26,989	28,248	1,027	1,192
Other Countries	1,264	1,220	533	540
Total	134,833	142,197	7,574	8,759

Source: SC, and Ontario Ministry of Tourism and Recreation, Tourism Marketing Information Services

Table 8.5

Overnight Camping Equipment and Boats, Canada and Ontario, Selected Years, 1976-1980[1]

	1976		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	'000's					
Overnight Camping Equipment						
Tent Trailer	306	118	307	108	324	108
Tent	942	335	1,241	467	1,333	500
Travel Trailer	260	83	330	94	321	88
Truck Camper	156	41	203	52	229	57
Other	41	11	66	17	42	. . .
% of Households With Equipment[2,3]	23.5	21.6	27.1	24.6	27.0	24.5
Boats						
Canoe	257	122	383	165	406	170
Sailboat	77	42	96	45	106	62
Rowboat, Skiff, Dory	202	66	251	92	287	90
Outboard Motor Boat	559	250	575	254	608	225
Other	45	21	46	17	50	20
% of Households With Boats[2,3]	14.1	15.9	14.8	16.2	15.5	16.3

1) Figures are as of May.

2) For the number of total households and an explanation of the coverage, see Table 9.4 and the introductory note at the beginning of Chapter 9.

3) Sum of kinds of camping equipment (boats) is greater than total households with camping equipment (boats) since some households have more than one kind.

Source: SC, *Household Facilities and Equipment (64-202)*

Table 6.6

Outboard Motors, Canada and Ontario, Selected Years, 1970-1980[1]

	Total Households[2]	Households with Outboard Motors[3]	Households without Outboard Motors[3]
		'000's	
1970			
Canada	5,784	605	5,179
Ontario	2,140	264	1,876
1972			
Canada	6,111	671	5,441
Ontario	2,275	293	1,982
1974			
Canada	6,513	669	5,843
Ontario	2,440	283	2,157
1976			
Canada	6,949	559	6,390
Ontario	2,606	250	2,356
1978			
Canada	7,320	575	6,745
Ontario	2,741	254	2,487
1980			
Canada	7,807	819	6,988
Ontario	2,910	332	2,577

[1] For 1974, figures are as of April; all other years, figures are as of May.

[2] See introductory note of this chapter for an explanation of the coverage.

[3] 1976 and 1978 figures refer to motor boats.

Source: SC, *Household Facilities and Equipment*.

Table 6.7

Vacation Homes[1], Canada and Ontario, Selected Years, 1974-1980[2]

	Total Households[3]	Households with Vacation Homes	Households without Vacation Homes
		'000's	
1974			
Canada	6,513	478	6,035
Ontario	2,440	187	2,252
1976			
Canada	6,949	477	6,471
Ontario	2,606	193	2,413
1978			
Canada	7,320	473	6,846
Ontario	2,741	186	2,555
1980			
Canada	7,807	495	7,312
Ontario	2,910	185	2,725

[1] Excludes trailers or any other mobile homes.

[2] For 1974, figures are as of April. For 1976 and 1978 figures are as of May.

[3] See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*.

Table 8.8

Adult-size Bicycles, Canada and Ontario, 1976-1980[1]

	1976		1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
				'000's						
Total Households[2]	6,949	2,606	7,119	2,666	7,320	2,741	7,558	2,813	7,807	2,910
Households With Adult-Size Bicycles[3]										
One	1,387	533	1,492	569	1,604	618	1,632	622	1,794	676
Two Or More	1,333	540	1,399	546	1,467	564	1,631	604	1,668	617
Households Without Adult-Size Bicycles	4,229	1,533	4,228	1,551	4,248	1,558	4,296	1,587	4,345	1,617

[1] Year as of April 1975; and May 1976, 1977 and 1978.
[2] See introductory note of this chapter for an explanation of the coverage.
[3] Bicycles owned and used by persons 14 years of age and over. From 1978, bicycles owned and used by persons 15 years of age and over.

Source: SC, *Household Facilities and Equipment, (64-202)*

Table 8.9

Snowmobiles, Canada and Ontario, 1975-1980

	1975		1976		1977		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
					'000's					
Total Households[2]	6,721	2,523	6,949	2,606	7,119	2,666	7,320	2,741	7,807	2,910
Households With Snowmobiles										
One Snowmobile	500	161	495	164	532	167	518	174	564	192
Two or More Snowmobiles	173	72	185	78	183	72	192	79	197	84
Households Without Snowmobiles	6,048	2,290	6,268	2,364	6,404	2,427	6,610	2,488	7,046	2,634

[1] For 1975 figures are as of April, all others – as of May.
[2] See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment, (64-202)*

Table 8.10

Principal Statistics of Motion Picture Theatres, by Selected City, Canada and Ontario[1], 1975-1980

	Establishments	Seating Capacity	Receipts from Admissions (excluding Taxes)	Amusement[4] Taxes	Number of Paid Admissions	Potential Number of Admissions	Average Admission Price[2]
			$'000's		'000's		$
1975							
Canada	1,173	666,591	183,139	13,406	84,161	525,035	2.16
Ontario	294	210,271	69,522	6,975	31,405	185,464	2.21
Toronto	61	52,330	21,952	2,182	8,791	56,177	2.50
Hamilton	14	10,499	3,624	359	1,598	10,516	2.27
Ottawa	11	9,163	5,317	524	2,348	9,977	2.26
London	8	6,261	2,728	263	1,176	8,503	2.32
Windsor	7	6,862	..[3]	..[3]	..[3]	..[3]	2.24
1976							
Canada	1,129	652,524	192,462	14,098	82,328	533,732	2.34
Ontario	283	202,029	70,882	7,099	29,964	189,957	2.37
Toronto	55	49,497	22,161	2,196	8,301	55,126	2.67
Hamilton	14	10,826	3,818	373	1,608	10,849	2.37
Ottawa	11	9,163	5,530	545	2,403	10,800	2.30
London	8	6,277	2,746	273	1,126	8,513	2.44
Windsor	7	6,305	..[3]	..[3]	..[3]	..[3]	2.30
1977							
Canada	1,094	642,915	197,813	12,529	76,455	479,923	2.59
Ontario	274	200,109	72,872	5,625	28,194	167,164	2.58
Toronto	57	54,930	26,523	2,060	9,230	58,157	2.87
Hamilton	14	10,743	4,069	273	1,609	9,761	2.53
Ottawa	12	10,463	5,980	418	2,403	10,242	2.48
London	9	6,706	3,053	..[3]	1,190	7,770	2.57
Windsor	7	6,305	..[3]	..[3]	..[3]	..[3]	2.54
1978							
Canada	1,079	637,757	218,358	9,777	81,597	465,726	2.68
Ontario	278	203,618	83,232	2,647	30,871	166,680	2.70
Toronto	58	57,067	31,091	1,470	10,462	58,322	2.97
Hamilton	14	10,718	4,116	..[3]	1,583	9,627	2.60
Ottawa	12	10,491	7,038	..[3]	2,630	11,088	2.68
London	10	7,828	3,911	..[3]	1,471	9,356	2.66
Windsor	7	6,060	..[3]	..[3]	..[3]	..[3]	2.63
1979							
Canada	1,070	629,854	239,349	9,303	86,010	456,098	2.78
Ontario	279	202,752	95,252	1,979	34,389	164,597	2.77
Toronto	65	61,488	36,007	..[3]	12,118	61,373	2.97
Hamilton	14	10,680	5,052	..[3]	1,819	9,311	2.78
Ottawa	12	10,491	8,095	..[3]	2,963	11,149	2.73
London	10	7,790	4,517	..[3]	1,676	9,222	2.70
Windsor	7	6,092	..[3]	..[3]	..[3]	5,859	2.67
1980							
Canada	1,037	615,346	271,128	8,653	88,980	447,254	3.05
Ontario	279	205,013	107,768	536	35,207	166,700	3.06
Toronto	68	63,986	43,400	..[3]	13,747	65,678	3.15
Hamilton	14	10,624	5,491	..[3]	1,771	8,434	3.10
Ottawa	12	10,423	7,933	..[3]	2,645	8,782	3.00
London	10	7,769	5,157	..[3]	1,693	9,355	3.05
Windsor	7	6,090	..[3]	..[3]	..[3]	5,825	3.02

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1) Includes only those theatres located within the incorporated limits of the city.

2) Admission receipts (excluding taxes) divided by number of admissions. No corrections are made for juvenile attendance, matinee, evening prices, etc.

3) Data is confidential to meet secrecy requirements of the Statistics Act.

4) In 1977 amusement taxes were charged only on tickets costing $3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors*

Table 6.11

Principal Statistics of Drive-in Theatres, Canada and Ontario, 1968-1980[1]

	Establishments	Car Capacity	Walk-in Seats	Number of Paid Admissions	Receipts to from Admissions (excluding taxes)	Amusement Taxes[3]	Per Capita Expenditure on Motion Picture Entertainment[2]
				'000's		$'000's	$
1968							
Canada	261	106,231	705	12,252	14,656	932	5.88
Ontario	102	50,531	40	6,050	7,893	751	7.13
1969							
Canada	271	108,729	686'	11,308	15,658	1,033	6.01
Ontario	103	51,126	40	5,622	8,301	830	7.20
1970							
Canada	279	115,512	328	11,489	17,047	1,118	6.45
Ontario	102	51,458	-	5,377	8,463	845	7.37
1972							
Canada	284	117,858	457	10,559	17,881	1,173	6.89
Ontario	103	54,202	279	4,772	8,170	809	7.58
1973							
Canada	299	133,435	380	11,581	20,726	1,445	7.32
Ontario	103	53,725	270	4,465	8,502	867	7.87
1974							
Canada	307	143,758	369	11,372	22,963	1,600	8.26
Ontario	100	52,847	279	4,326	9,291	945	8.89
1975							
Canada	315	148,531	600	12,843	29,283	1,973	10.04
Ontario	98	53,065	279	4,805	11,682	1,221	10.94
1976							
Canada	309	145,659	605	13,048	31,573	2,105	10.39
Ontario	101	53,269	279	5,075	12,868	1,284	11.06
1977							
Canada	298	139,689	576	11,779	31,880	1,544	10.48
Ontario	92	49,635	420	4,552	12,879	705	11.02
1978							
Canada	295	138,919	92	11,634	33,557	1,182	11.20
Ontario	92	49,461	-	4,474	13,444	232	11.79
1979							
Canada	292	139,527	. . .	12,151	36,175	1,125	12.16
Ontario	90	48,467	. . .	4,677	14,895	65	13.19
1980							
Canada	287	141,266	. . .	11,991	40,291	1,292	13.01
Ontario	87	46,491	. . .	4,744	16,139	104	14.45

1) 1971 data are not available as no survey was carried out. Data will be available through the 1971 Census.

2) Per capita expenditure is calculated from total receipts (including amusement taxes) of drive-ins and regular theatres.

3) In 1977 amusement taxes were charged only on tickets costing $3.00 or more.

Source: SC, *Motion Picture Theatres and Film Distributors*.

Table 8.12

Principal Statistics for Hotels, Canada and Ontario, 1975-1980

	Total Establishments	Working Proprietors	Family Workers	Paid Employees		Salaries and Wages
				Full Time	Part Time	
						$'000's
Total Hotels						
1975						
Canada	4,834	. . .	1,516	89,975	34,704	600,411
Ontario	1,170	. . .	496	26,875	11,824	181,962
1976						
Canada	5,429	. . .	1,940	97,972	35,813	737,273
Ontario	1,272	. . .	537	30,384	12,094	226,820
1977						
Canada	5,294	1,575	1,828	96,396	36,940	779,832
Ontario	1,227	543	458	30,390	13,165	234,763
1978						
Canada	5,197	2,391	1,495	97,069	37,268	856.140
Ontario	1,255	505	397	31,965	13,449	257.291
1979						
Canada	5,002	2,000	1,807	97,892	40.132	920,572
Ontario	1,198	384	355	30,332	14,282	272,918
1980						
Canada	4,814	1,690	1,443	101,067	40.823	1,037.381
Ontario	1,147	355	378	31,063	14,632	298,633
Full Year Licensed Hotels						
1975						
Canada	4,029	. . .	1,062	75,662	32,832	575,986
Ontario	896	. . .	244	25,808	11,141	175,607
1976						
Canada	4,605	. . .	1,465	93,444	32,903	704,531
Ontario	1,000	. . .	295	29,233	11,312	219,331
1977						
Canada	4,479	1,076	1,364	91,566	33,591	742,900
Ontario	972	373	258	29,004	12,084	225,540
1978						
Canada	4,363	1,969	1,170	91,600	33,221	812,989
Ontario	1,003	361	269	30,236	12,082	245,246
1979						
Canada	4,255	1,663	1,495	92,091	36,291	873,074
Ontario	983	275	244	28,749	13,151	260,678
1980						
Canada	4,088	1,377	1,174	94,688	37,210	983,394
Ontario	951	256	275	29,532	13,516	286,043

Source: SC, *Traveller Accommodation Statistics*, (63-204).

Table 8.13

Nature of Receipts, Hotels, Canada and Ontario, 1975-1980

	Number of Guest Rooms	Receipts					
		Total	Rooms	Meals	Beer, Vine and Liquor	Merchandise Sales	Other
				$'000's			
Total Hotels							
1975							
Canada	192,320	2,097,148	640,368	492,642	829718	50,845	83,575
Ontario	57,733	615,070	218,942	159,920	207322	8,317	20,568
1976							
Canada	207,769	2,489,218	740,536	583,520	994335	72,835	97,492
Ontario	62,651	723,285	250,255	191,589	246329	9,617	24,995
1977							
Canada	205,400	2,692,337	809,665	630,800	1,044,049	92,450	115,373
Ontario	61,874	784,753	282,552	204,887	256,420	10,281	30,613
1978							
Canada	204,565	2,947,739	931,323	700,144	1,112,463	91,282	112,527
Ontario	62,415	892,646	326,937	233,206	286,768	13,495	32,240
1979							
Canada	199,625	3,279,307	1,088,363	778,074	1,145,902	141,413	125,555
Ontario	60,770	975,740	383,888	252,780	290,692	14,000	34,380
1980							
Canada	201,982	3,711,174	1,283,271	881,283	1,231,538	171,829	143,253
Ontario	60,299	1,066,958	438,673	273,723	295,191	19,478	39,893
Full Year Licensed Hotels							
1975							
Canada	167,378	2,011,813	585,187	475,992	825,865	45,708	78,061
Ontario	50,083	589,646	202,349	153,622	206,712	7,230	19,733
1976							
Canada	181,260	2,377,978	672,761	562,828	987,438	64,268	90,683
Ontario	54,984	694,929	232,553	184,822	245,926	7,664	23,964
1977							
Canada	178,672	2,559,720	731,545	607,542	1,034,915	82,820	102,898
Ontario	54,049	750,812	261,033	197,136	255,252	8,073	29,318
1978							
Canada	176,054	2,789,583	840,124	671,339	1,093,002	78,805	106,313
Ontario	54,466	844,824	301,654	222,697	278,453	10,905	31,115
1979							
Canada	174,290	3,107,952	984,675	743,371	1,128,806	133,865	117,236
Ontario	54,386	929,689	356,240	241,294	286,933	12,212	33,010
1980							
Canada	175,668	3,506,009	1,160,725	846,037	1,211,780	158,704	128,763
Ontario	54,090	1,013,691	407,639	262,952	290,842	13,803	38,455

Source: SC, *Traveller Accommodation Statistics*, (63-204)

Table 8.14

Non-Resident Travellers Entering Canada by Place of Residence[1], Canada and Ontario, 1974-1981

	Europe	Africa	Asia	North America, Central America and Caribbean	South America	Oceania and Other Ocean Islands	Total
1974							
Canada	835,379	25,348	166,630	97,413	41,670	52,816	1,219,256
Ontario	472,393	9,706	78,203	67,756	26,027	20,749	674,834
1975							
Canada	892,322	26,196	196,439	110,721	46,370	55,508	1,327,556
Ontario	502,925	10,985	91,126	76,730	29,330	21,331	732,427
1976							
Canada	1,049,311	33,833	239,586	124,583	57,608	72,409	1,577,330
Ontario	599,120	15,070	118,190	84,685	37,617	30,599	885,281
1977							
Canada	944,145	33,135	218,274	107,080	56,203	65,847	1,424,684
Ontario	542,424	15,829	106,301	72,538	35,786	28,092	800,970
1978							
Canada	1,095,835	35,863	276,738	123,026	63,101	79,100	1,673,663
Ontario	629,459	16,139	140,329	82,319	40,788	33,886	942,920
1979							
Canada	1,315,595	38,723	344,566	144,183	78,459	89,106	2,010,632
Ontario	770,436	17,372	187,791	96,456	51,579	37,467	1,161,101
1980							
Canada	1,377,852	45,359	384,829	173,046	91,907	90,020	2,163,013
Ontario	808,227	21,778	218,855	115,891	60,091	38,958	1,263,800
1981							
Canada	1,350,651	49,091	391,494	177,930	88,401	87,165	2,144,732
Ontario	763,961	22,381	219,854	120,670	55,818	37,253	1,219,937

1) Residents of the United States are not included.

Source: SC. *Travel Between Canada and Other Countries, (66-001)*

Table 8.15

Canadian Resident Travellers Returning from the United States by Type of Transportation, Canada and Ontario, 1969-1981

	Land						Other Modes of Transportation	Total
	Automobile	Bus	Rail	Total Land[1]	Air	Marine		
1969								
Canada	. .	689,818	114,986	804,804	1,200,868	131,772	. .	2,137,444
Ontario	. .	358,040	55,340	413,380	630,265	86,816	. .	1,130,461
1970								
Canada	29,097,000	677,600	86,000	29,860,600	1,195,000	124,900	2,877,300	34,057,800
Ontario	11,156,900	346,200	40,700	11,543,800	627,600	80,800	1,680,800	13,933,000
1971								
Canada	27,650,200	728,800	27,200	28,406,200	1,262,100	135,300	2,781,900	32,585,500
Ontario	10,835,700	384,500	10,700	11,230,900	673,700	105,100	1,600,600	13,610,300
1972[2]								
Canada	27,105,100	1,466,200	10,400	28,581,700	1,115,900	150,900	599,100	30,447,600
Ontario	10,581,300	1,038,000	2,200	11,621,500	550,700	136,000	244,900	12,553,100
1973								
Canada	27,255,652	1,410,089	19,395[3]	28,685,136	1,349,220	190,371	531,084	30,755,811
Ontario	10,589,164	955,995	2,491	11,547,650	682,790	171,501	179,778	12,581,719
1974								
Canada	26,329,004	1,467,760	36,093[3]	27,832,857	1,579,928	208,767	469,745	30,091,297
Ontario	10,299,665	902,073	8,537	11,210,275	785,220	180,296	155,283	12,331,074
1975								
Canada	29,006,862	1,426,673	35,284	30,468,819	1,757,934	231,503	504,558	32,962,814
Ontario	11,348,274	926,126	7,317	12,281,717	825,774	204,417	163,693	13,475,601
1976								
Canada	31,549,622	1,466,044	38,239	33,053,905	2,128,501	233,198	519,271	35,934,875
Ontario	12,405,100	942,088	9,270	13,356,458	957,568	201,684	190,206	14,705,916
1977								
Canada	33,196,440	1,398,063	44,550	34,639,053	2,456,805	290,155	511,234	37,897,247
Ontario	12,991,857	870,983	7,975	13,870,815	1,094,321	250,644	165,890	15,381,670
1978								
Canada	32,422,880	1,392,441	41,728	33,857,049	2,685,734	276,784	473,956	37,293,523
Ontario	13,116,144	867,767	6,883	13,990,794	1,225,029	236,986	140,121	15,592,930
1979								
Canada	29,295,638	1,332,994	40,117	30,668,809	3,005,426	282,819	424,669	34,381,723
Ontario	12,264,591	854,701	4,511	13,123,803	1,382,419	240,349	124,523	14,871,094
1980								
Canada	29,462,095	1,368,799	41,473	30,872,367	3,185,948	258,850	426,234	34,743,399
Ontario	12,527,068	881,707	4,422	13,413,197	1,436,170	214,425	125,213	15,189,005
1981								
Canada	28,379,594	1,268,643	45,433	29,693,670	3,187,669	269,516	433,142	33,583,997
Ontario	12,343,073	774,745	10,862	13,128,680	1,411,372	218,382	131,681	14,890,115

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[1] Excludes other modes of land transportation.

[2] The data in 1972 reflects changes in the methods of collection. For example, local bus traffic was shifted from the "other modes" category to the "Bus" category which before 1972 related only to "long distance" bus traffic. Air and rail crews were no longer included under the "Air" and "Rail" categories, respectively. The increase from 1971 to 1972 in "Marine" visitors is the result of the shift from "other modes" to the "Marine" category of ferry traffic from Amherstburg, Ontario and Victoria, B.C. After 1972 the "Other Modes" category included other forms of land transportation only.

[3] Reflects the introduction of new passenger service lines.

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.16

U.S. Residents entering Canada by Type of Transportation, Canada and Ontario, 1975-1981

	Land							
	Automobile	Bus	Rail	Total Land[1]	Air	Marine	Other Modes of Transportation	Total
1975								
Canada	30,007,653	1,520,281	87,663	31,615,597	1,529,782	801,512	635,350	34,582,241
Ontario	19,709,226	1,016,916	9,084	20,735,226	708,675	687,395	244,240	22,375,536
1976								
Canada	27,787,050	1,477,600	104,831	29,369,481	1,484,104	779,043	598,274	32,230,902
Ontario	18,143,863	1,019,869	25,048	19,188,780	694,595	656,249	215,110	20,754,734
1977								
Canada	27,272,917	1,426,783	109,519	28,809,219	1,592,745	762,651	609,196	31,773,811
Ontario	18,114,967	961,498	21,719	19,098,184	729,534	655,845	215,523	20,699,086
1978								
Canada	26,907,290	1,462,904	101,654	28,471,848	1,666,238	845,303	613,770	31,597,159
Ontario	17,914,642	985,420	21,795	18,921,857	767,031	743,134	200,467	20,632,489
1979								
Canada	26,372,104	1,505,977	92,037	27,970,118	1,835,521	779,998	605,953	31,191,590
Ontario	18,138,654	989,714	6,519	19,134,887	879,675	665,125	199,412	20,879,099
1980								
Canada	33,875,313	1,497,953	77,278	35,450,544	1,855,363	616,643	578,444	38,500,994
Ontario	24,403,892	988,780	6,159	25,398,831	874,423	505,593	209,952	26,988,799
1981								
Canada	35,008,266	1,453,172	80,256	36,541,694	1,863,231	759,147	644,644	39,808,716
Ontario	25,520,770	962,637	13,754	26,497,161	875,485	648,729	226,414	28,247,789

[1] Excludes other modes of land transportation

[2] Reflects the introduction of new passenger service lines

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.17

Residents of Countries Other Than the U.S.A. Entering Canada, by Type of Transportation, Canada and Ontario, 1975-1981

	Land	Air		Marine		
	(Via U.S.A.)	Direct	(Via U.S.A.)	Direct	(Via U.S.A.)	Total
1975						
Canada	407,188	683,697	228,528	5,132	3,011	1,327,556
Ontario	297,001	332,033	103,374	-	19	732,427
1976						
Canada	519,930	771,853	277,126	5,187	3,234	1,577,330
Ontario	390,457	372,050	122,733	-	41	885,281
1977						
Canada	437,415	717,800	262,704	4,426	2,279	1,424,684
Ontario	326,379	353,874	120,674	-	43	800,970
1978						
Canada	570,879	793,861	302,711	4,208	2,007	1,673,663
Ontario	431,663	376,742	134,468	-	47	942,920
1979						
Canada	711,826	930,729	359,091	4,712	4,274	2,010,632
Ontario	550,750	444,461	165,461	-	409	1,161,101
1980						
Canada	791,590	952,240	411,132	4,705	3,346	2,163,013
Ontario	604,580	468,119	190,612	–	489	1,263,800
1981						
Canada	746,084	988,924	401,696	4,829	3,199	2,144,732
Ontario	545,973	483,944	189,715	–	305	1,219,937

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.18

Canadian Vehicles Returning from the United States, Canada and Ontario, 1969-1981

	Automobiles						
Year	Same Day		One or More Nights	Total	Trucks Used Commercially	Other Vehicles	Total
1969							
Canada	9,467,381[2]		2,540,871	12,008,252	1,003,660	. .	13,011,912
Ontario	4,292,929		869,351	5,162,280	558,281	. .	5,720,561
1970							
Canada	8,985,600		2,493,300	11,478,900	1,011,400	223,600	12,713,900
Ontario	4,034,800		872,500	4,907,300	531,400	71,300	5,510,000
1971							
Canada	8,592,900		2,513,200	11,106,100	1,034,400	196,900	12,337,400
Ontario	3,960,500		933,400	4,893,900	546,100	50,900	5,490,900
1972							
Canada	8,901,100		2,524,200	11,425,300	1,159,100	85,400	12,669,800
Ontario	4,053,700		942,600	4,996,300	646,700	10,900	5,653,900
		One Night	Two or More Nights				
1973							
Canada	9,128,294	490,017	1,964,306	11,582,617	1,183,245	99,385	12,865,247
Ontario	4,106,527	173,653	715,327	4,995,507	666,139	15,300	5,676,946
1974							
Canada	8,974,996	468,374	1,852,016	11,295,386	1,109,068	91,592	12,496,046
Ontario	4,090,097	163,629	627,604	4,881,330	653,864	14,207	5,549,401
1975							
Canada	9,571,752	487,976	2,205,697	12,265,425	1,008,361	101,342	13,375,128
Ontario	4,271,381	175,492	776,076	5,222,949	577,568	17,421	5,817,938
1976							
Canada	10,249,299	513,017	2,479,363	13,241,679	1,110,146	100,812	14,452,637
Ontario	4,557,805	193,516	880,051	5,631,372	668,796	17,099	6,317,267
1977							
Canada	10,744,612	550,178	2,666,865	13,961,655	1,128,166	111,559	15,201,380
Ontario	4,727,695	208,156	938,132	5,873,983	694,757	20,572	6,589,312
1978							
Canada	10,669,987	544,061	2,594,817	13,808,865	1,253,826	112,262	15,174,953
Ontario	4,783,044	219,275	979,601	5,981,920	754,375	20,756	6,757,051
1979							
Canada	10,089,519	531,531	2,139,072	12,760,122	1,290,271	110,088	14,160,481
Ontario	4,645,270	213,409	834,732	5,693,411	755,462	19,319	6,468,192
1980							
Canada	10,025,379	537,640	2,306,995	12,870,014	1,217,017	117,020	14,204,051
Ontario	4,765,856	217,703	858,902	5,842,461	686,844	22,401	6,551,706
1981							
Canada	9,906,206	512,700	2,184,933	12,603,839	1,312,260	125,280	14,041,379
Ontario	4,762,654	218,698	812,213	5,793,565	749,348	23,765	6,566,678

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1) Includes 91,977 motorcycles and bicycles and 134,033 taxis

2) Includes 93,612 motorcycles and bicycles and 139,426 taxis

Source, SC, *Travel Between Canada and Other Countries, (66-001)*

Table 8.19

U.S. Vehicles Entering Canada, Canada and Ontario, 1969-1981

	Automobiles						
	Same Day		One or More Nights	Total	Trucks Used Commercially	Other Vehicles	Total
1969							
Canada	8,330,557		3,565,229	11,895,786	629,314	140,951	12,666,051
Ontario	5,531,298		2,053,245	7,584,543	336,292	67,954	7,988,789
1970							
Canada	8,426,073		3,867,244	12,293,317	630,485	152,545	13,076,347
Ontario	5,520,316		2,161,570	7,681,886	324,730	72,674	8,079,290
1971							
Canada	8,341,378		4,102,292	12,443,670	726,062	144,777	13,314,509
Ontario	5,427,661		2,358,088	7,785,749	380,425	62,633	8,228,807
1972							
Canada	8,419,279		4,035,044	12,454,323	792,438	74,702	13,321,463
Ontario	5,491,909		2,275,962	7,767,871	455,642	28,829	8,252,342
		One Night	Two or More Nights				
1973							
Canada	8,575,03	846,466	3,201,671	12,623,176	887,934	89,130	13,600,240
Ontario	5,673,192	595,588	1,686,910	7,955,690	511,703	37,733	8,505,126
1974							
Canada	8,211,801	781,546	2,956,988	11,950,335	901,671	84,791	12,936,797
Ontario	5,579,464	571,764	1,643,055	7,794,283	501,239	35,093	8,330,615
1975							
Canada	8,154,086	749,791	2,964,200	11,868,077	905,059	90,855	12,863,991
Ontario	5,573,757	543,033	1,635,822	7,752,612	496,880	39,869	8,289,361
1976							
Canada	7,749,615	715,494	2,721,663	11,186,772	1,025,611	75,327	12,287,710
Ontario	5,291,472	512,357	1,488,710	7,292,539	594,547	29,374	7,916,460
1977							
Canada	7,725,066	693,604	2,650,130	11,068,800	1,039,190	74,721	12,182,711
Ontario	5,282,362	508,683	1,506,013	7,297,058	611,017	29,854	7,937,929
1978							
Canada	7,728,100	705,203	2,590,377	11,023,680	1,026,421	72,765	12,122,866
Ontario	5,301,430	516,052	1,473,057	7,290,539	579,794	78,935	7,899,268
1979							
Canada	8,130,574	670,618	2,329,385	11,130,577	1,062,639	81,624	12,274,840
Ontario	5,728,102	499,893	1,380,156	7,608,151	617,594	35,314	8,261,059
1980							
Canada	12,379,282	678,680	2,371,967	15,429,929	970,961	88,785	16,489,675
Ontario	9,260,544	506,565	1,404,677	11,171,786	540,835	38,158	11,750,779
1981							
Canada	13,133,917	685,310	2,396,001	16,215,228	1,021,370	91,777	17,328,375
Ontario	9,981,001	514,049	1,408,937	11,903,987	587,102	39,407	12,530,496

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Table 8.20

Canadian Resident Travellers Returning from Overseas Countries, Canada and Ontario, 1950-1981

	Number of Canadian Travellers Returning to Canada from Other Countries[1]			Number of Canadian Residents Returning to Canada from Overseas via Ontario
	Direct	Via the U.S.	Total	
1950	44,000	12,000	56,000	..
1951	44,000	11,000	55,000	..
1952	55,000	10,000	65,000	..
1953	62,000	19,000	81,000	..
1954	74,000	22,000	96,000	..
1955	88,000	29,000	117,000	..
1956	106,000	33,000	139,000	..
1957	120,000	39,000	159,000	..
1958	132,000	42,000	174,000	..
1959	157,000	46,000	203,000	..
1960	189,000	52,000	241,000	..
1961	223,000	54,000	277,000	..
1962	253,000	58,000	311,000	..
1963	282,000	60,000	342,000	..
1964	323,000	69,000	392,000	..
1965	386,000	70,000	456,000	..
1966	423,000	80,000	503,000	..
1967	437,000	85,000	522,000	246,906
1968	538,000	100,000	638,000	345,796
1969	732,000	120,000	852,000	460,080
1970	957,000	142,000	1,099,000	581,400
1971	1,039,000	158,000	1,197,000	598,100
1972	1,029,000	114,000	1,143,000	616,600
1973	1,225,000	136,000	1,361,000	653,021
1974	1,264,000	171,000	1,435,000	693,700
1975	1,401,000	153,000	1,554,000	762,963
1976	1,413,000	169,000	1,582,000	822,851
1977	1,580,000	197,000	1,777,000	905,081
1978	1,602,000	206,000	1,808,000	917,433
1979	1,548,000	209,000	1,757,000	914,786
1980	1,357,000	228,000	1,585,000	825,000
1981	1,245,600	232,000	1,477,600	759,500

[1] Excluding the United States

Source: SC, *Travel Between Canada and Other Countries*, (66-001)

Housing and Household Equipment

Highlights

- **Housing** – The number of households in Ontario in 1971 having more than one person per room was 150,715, a decrease of 22.4 per cent from 1961 when 194,343 households had more than one person per room. The level of crowding is comparable to 1951. In Canada in 1971 there were 569,485 such households, a 24.2 per cent reduction from the 750,942 households in 1961 having more than one person per room.

  Of Ontario's 3.0 million households, 1.9 million or 65.1 per cent in 1981 were owned and 34.9 per cent were rented. Of this total number of households, 11.2 per cent had 3 or fewer rooms per dwelling and 33.8 per cent had 7 or more rooms per dwelling.

  At the end of 1981, the Toronto Census Metropolitan Area had 406 newly completed and unoccupied houses and duplexes; Hamilton had 225. Toronto had 1,701 newly completed and unoccupied row and apartment dwellings and Ottawa had 140.

  With 1971 = 100, the 1981 consumer price index for rent was 154.8, for mortgage interest 296.2 and for dwelling insurance 434.9.

- **Household Equipment** – In 1971 about 8.9 per cent of Ontario's households had air conditioners. By 1981 this figure had increased to 27.9 per cent of total households.

  The proportion of households with one or more cars to the total number of households in Ontario has remained almost constant from 1971 to 1981 at 80.9 per cent.

  In 1971, 97.0 per cent of all households had at least one television and 20.5 per cent had colour television. By 1981 the percentage of households with at least one television had remained fairly constant at 97.7 per cent, but those with colour television had risen to 84.0 per cent.

Definitions

Housing Stock – The sum of all dwelling units in a given area on Census day comprises the housing stock of that area.

Dwelling – A dwelling is defined as a structurally separate set of living premises with private entrance from outside the building, or from a common hallway or stairway inside. A private dwelling is one in which one person, a family or other small group of individuals may reside, such as a single house, apartment, etc.

Single detached dwelling – This type of dwelling is commonly called a single house, i.e., a house containing one dwelling unit and completely separated on all sides from any other building or structure.

Single attached dwelling – Each half of a semi-detached (or double) house and each section of a row or terrace is defined as a "single attached" dwelling.

Row – A structure of three or more attached, self-contained ground level units separated by a common wall from ground to roof, or below grade; includes a dwelling adjoining a store or other non-residential structure, maisonettes, garden court and townhouse types.

Duplex – This is two dwelling units, one above the other (each having a separate entrance), but not attached to any other building. This includes dwellings which were built as single houses, but in which the basement or upper storey has been converted to form a structurally separate set of living quarters with its own entrance.

Apartment – a multiple-family type of structure comprised of three or more dwelling units with shared entrances and other essential facilities and services, and with shared exit facilities for units above the first storey.

Apartment or Flat (applicable only to Table 4) – A dwelling of this type includes:

i) dwelling units in apartment blocks or apartment hotels;

ii) suites in duplexes or triplexes, i.e., where the division between dwelling units is horizontal;

iii) suites in structurally converted houses;

iv) living quarters located above or in the rear of stores, restaurants, garages or other business premises;

v) janitors' quarters in schools, churches, warehouses, etc; and

vi) private quarters for employees in hospitals or other types of institutions.

Family – This unit is composed of a group of individuals related by blood, marriage or adoption and sharing a common dwelling unit.

Household – A person or a group of persons occupying one dwelling unit is defined as a "household". The number of households will therefore be equal to the number of occupied dwellings. The person or persons occupying a private dwelling form a private household.

Note – The following note on coverage applies to all tables sourced "Household Facilities and Equipment":

The survey was carried out in conjunction with the Labour Force Survey. Households were chosen by area sampling methods.

The sample for this survey is designed to represent all households in Canada with certain exceptions. Excluded are: households in the Yukon and Northwest Territories, households on Indian reserves, institutional households, military camps, other collective-type households such as those living in hotels, large lodging houses, clubs, logging and construction camps; certain private households living in trailers, in summer cottages, on boats, etc.

The estimates in these tables are based on a sample of households and may differ from the figures that would have been obtained if a complete census had been taken using the same schedules, instructions and interviewers. See Statistics Canada Catalogue 64-202 *Household Facilities and Equipment* for details on reliability of the estimates.

Crowded Household – Such a household has more than one person per room.

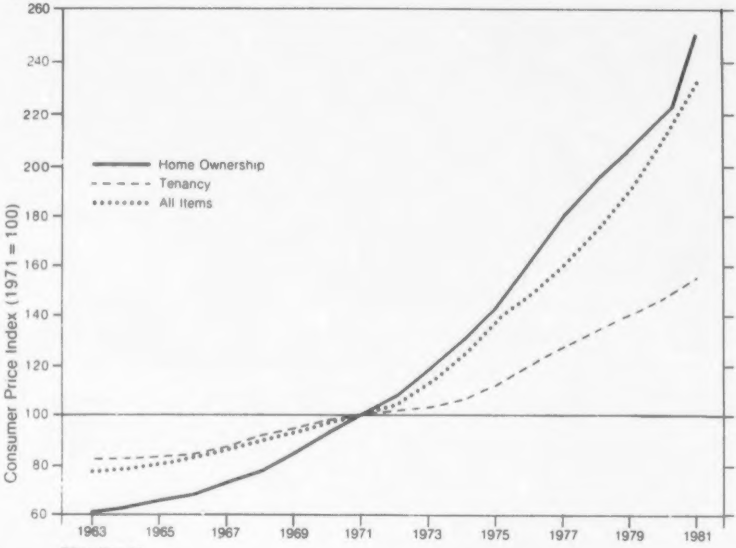
Rooms – In determining the number of rooms in a dwelling, only those rooms used or suitable for living purposes, including rooms occupied by servants, lodgers, or members of lodging families are counted. The following are not counted as rooms: bathrooms, pantries, halls, clothes closets and rooms used solely for business purposes. Summer kitchens, sunrooms, rooms in basements or attics are not counted unless they were finished and suitable for living quarters throughout the year. "Kitchenettes" are counted if the normal kitchen functions are carried out therein and if they contain, as a minimum, cooking facilities (such as a stove or range) and a sink or tub.

Bedrooms – Included as "bedrooms" are all rooms furnished as bedrooms and used as such, even though the use may be occasional as in the case of a "spare" bedroom. Bed-sitting rooms, or other such rooms used for sleeping and living, are not included. In the case of all one-room dwellings such as bachelor apartments, and of many other small dwellings, no "bedroom" would be reported.

Indian Reserve – Territory, mostly rural and varying in size, that belongs to an Indian band, according to treaties between the federal government and the Indians is considered a reserve. It is excluded from local jurisdiction and administered by the federal Department of Indian Affairs and Northern Development. At the collection stage of the census of population 1971, every reserve with a population of 25 or more was considered a separate enumeration area. Smaller reserves were grouped within a census division.

Graph 9.A

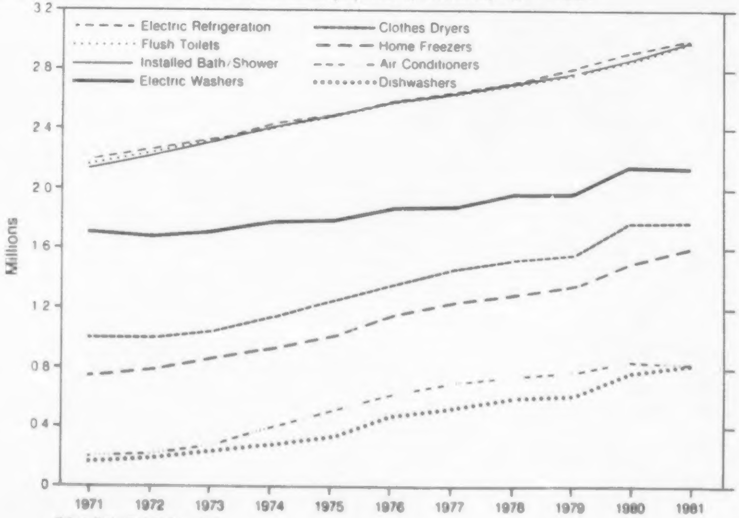
Consumer Price Indexes by Selected Housing Components and all Items, Canada, 1963-1981



Refer to Table 9.9

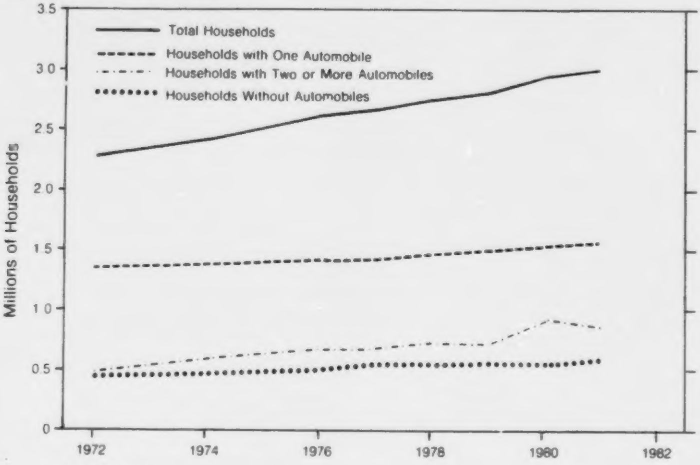
Graph 9.B

Households with Selected Facilities and Equipment, Ontario, 1971-1981



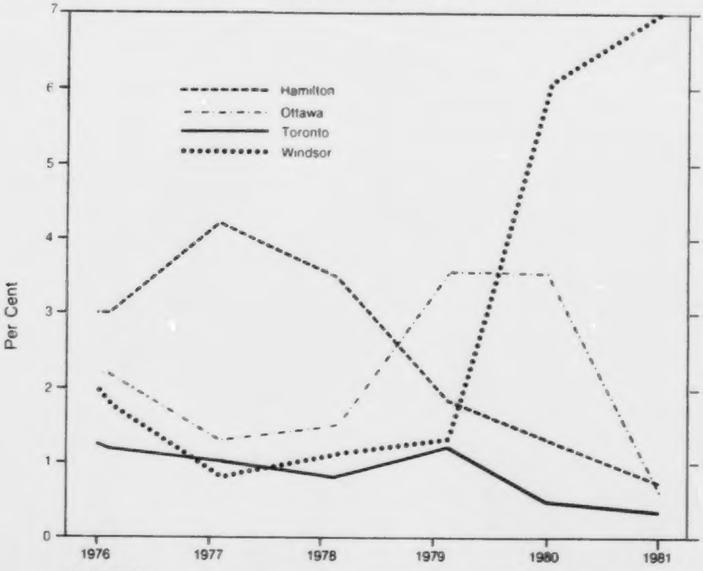
Refer to Tables 9.14, 9.15, and 9.16

Graph 9.C
Automobiles, Ontario, 1972-1981



Refer to Table 9.23

Graph 9.D
Apartment Vacancy Rates by Census Metropolitan Area, Ontario, 1976-1981



Refer to Table 9.8

Table 9.1

National Housing Stock, by Province, Canada, Census Years, 1951-1976

	1951[2]	1961[2]	1971[2]	1976[2]
Canada	3,522,162[1]	4,744,715	6,324,690	7,550,900
Ontario	1,208,160	1,699,932	2,311,850	2,768,190
Newfoundland	75,884	92,642	116,500	141,010
Prince Edward Island	23,952	25,370	29,410	35,010
Nova Scotia	157,133	183,236	216,575	259,170
New Brunswick	119,411	138,230	164,135	201,115
Québec	883,433	1,244,132	1,691,635	1,992,495
Manitoba	207,912	249,199	304,040	344,930
Saskatchewan	235,470	260,527	288,445	309,590
Alberta	261,479	364,969	492,445	604,090
British Columbia	349,328	478,413	696,245	876,700
Yukon and Northwest Territories	–	8,065	13,405	18,605

1) 1951 excludes Yukon and Northwest Territories.
2) Includes vacancies.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.2

Crowding[1], by Province, Canada, Census Years, 1951-1971

	1951	1961	1971
Canada	641,820[2]	750,942	569,485
Ontario	151,730	194,343	150,715
Newfoundland	23,030	26,254	26,070
Prince Edward Island	3,515	4,080	3,560
Nova Scotia	27,615	31,832	25,635
New Brunswick	24,130	27,836	23,910
Québec	216,955	259,985	199,360
Manitoba	39,675	40,261	26,615
Saskatchewan	50,770	45,967	26,155
Alberta	56,300	61,308	38,445
British Columbia	48,100	55,484	45,135
Yukon and Northwest Territories	..	3,592	3,885

1) Households that have more than one person per room.
2) 1951 excludes Yukon and Northwest Territories.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.3

Size of Household, Canada and Ontario, 1968-1981[1]

	Total House-holds[2]	Number of persons per household									
		1	2	3	4	5	6	7	8	9	10 +
						'000's					
1968											
Canada	5,458	541	1,327	961	982	690	442	225	130	68	93
Ontario	2,003	198	518	366	375	252	144	71	38	19	21
1969											
Canada	5,616	567	1,373	999	1,041	718	435	215	123	68	79
Ontario	2,062	209	509	378	400	266	153	70	38	19	21
1970											
Canada	5,784	597	1,448	1,024	1,096	744	416	214	119	57	69
Ontario	2,140	215	561	380	434	269	143	65	40	17	17
1971											
Canada	5,933	689	1,499	1,066	1,086	724	419	215	113	58	64
Ontario	2,208	251	562	411	416	273	149	76	36	17	17
1972											
Canada	6,111	827	1,536	1,098	1,106	732	401	201	102	56	53
Ontario	2,275	324	593	413	425	261	142	61	33	10	11
1973											
Canada	6,301	880	1,690	1,087	1,154	724	392	183	93	46	54
Ontario	2,354	329	647	417	443	269	141	57	26	11	13
1974											
Canada	6,513	972	1,762	1,126	1,201	729	375	172	87	45	43
Ontario	2,440	364	684	425	464	259	135	63	24	10	12
1975											
Canada	6,721	1,011	1,938	1,201	1,205	719	355	154	70	30	38
Ontario	2,523	383	753	447	457	272	124	47	22	9	9
1976											
Canada	6,949	1,096	1,949	1,195	1,331	772	341	144	69	26	26
Ontario	2,606	409	738	463	498	292	126	49	18	7	6
1977											
Canada	7,119	1,191	1,990	1,266	1,351	735	343	137	59	24	24
Ontario	2,666	459	754	471	505	279	122	42	20	7	7
1978											
Canada	7,320	1,279	2,071	1,281	1,415	740	320	126	49	21	17
Ontario	2,741	484	764	482	549	288	112	42	12	--	...
1979											
Canada	7,558	1,415	2,193	1,296	1,433	733	301	104	49	16	17
Ontario	2,813	518	839	477	543	272	104	32	19	--	--
1980											
Canada	7,807	1,446	2,271	1,397	1,487	746	295	98	39	13	13
Ontario	2,910	549	860	501	563	274	110	36	12	--	--
1981											
Canada	8,063	1,556	2,408	1,389	1,547	748	264	94	37	11	9
Ontario	2,987	577	902	505	579	277	99	32	12	..	..

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.4

Tenure and Type of Dwelling, Canada and Ontario, 1968-1981[1]

		Tenure			Type of Dwelling		
		Owned					
	Total Households[2]	with Mortgage	Without Mortgage	Rented[3]	Single Detached	Single Attached	Apartment or Flat[5]
	'000's						
1968							
Canada	5,458	3,541[4]		1,917	3,490	369	1,599
Ontario	2,003	1,372[4]		631	1,340	181	482
1969							
Canada	5,616	3,636[4]		1,980	3,564	374	1,679
Ontario	2,062	1,409[4]		653	1,364	194	503
1970							
Canada	5,784	3,729[4]		2,056	3,686	353	1,746
Ontario	2,140	1,451[4]		689	1,434	177	530
1971							
Canada	5,933	3,774[4]		2,159	3,719	416	1,798
Ontario	2,208	1,483[4]		725	1,461	201	545
1972							
Canada	6,111	3,827[4]		2,284	3,804	446	1,861
Ontario	2,275	1,494[4]		781	1,469	204	602
1973							
Canada	6,301	3,952[4]		2,349	3,836	420	2,045
Ontario	2,354	1,534[4]		819	1,470	213	670
1974							
Canada	6,513	4,091[4]		2,422	3,966	473	2,074
Ontario	2,440	1,597[4]		842	1,516	240	683
1975							
Canada	6,721	4,161[4]		2,560	3,994	458	2,269
Ontario	2,523	1,606[4]		917	1,505	251	767
1976							
Canada	6,949	4,338[4]		2,610	4,053	605	2,290
Ontario	2,606	1,711[4]		896	1,556	287	763
1977							
Canada	7,119	4,576[4]		2,542	4,217	558	2,344
Ontario	2,666	1,758[4]		908	1,577	270	820
1978							
Canada	7,320	4,627[4]		2,693	4,273	618	2,429
Ontario	2,741	1,797[4]		944	1,590	342	809
1979							
Canada	7,558	4,776[4]		2,782	4,380	613	2,566
Ontario	2,813	1,818[4]		995	1,602	332	879
1980							
Canada	7,807	2,807	2,173	2,828	4,620	644	2,543
Ontario	2,910	1,102	798	1,009	1,719	331	860
1981							
Canada	8,063	2,758	2,378	2,928	4,738	696	2,630
Ontario	2,987	1,086	860	1,042	1,753	359	875

1) For 1973-1975, figures are as of April; all other years, figures are as of May

2) See introductory note of this chapter for an explanation of the coverage

3) Includes dwelling: (a) occupied rent-free or under share-cropping-agreements; (b) for which rent was paid in kind or in services; (c) for which rent also includes rent for business premises.

4) Data available only in combined form.

5) See introductory note of this chapter for definition of "Apartment or Flat".

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.5

Rooms and Bedrooms per Dwelling, Canada and Ontario, 1968-1981[1]

	Total Households[2]	Number of rooms per dwelling								
		1	2	3	4	5	6	7	8	9 +
		'000's								
1968										
Canada	5,458	57	140	471	944	1,379	1,189	629	362	287
Ontario	2,003	12	34	156	295	463	543	261	141	97
1969										
Canada	5,616	51	139	458	973	1,438	1,219	658	361	319
Ontario	2,062	11	40	146	291	476	560	281	143	114
1970										
Canada	5,784	71	136	491	1,024	1,443	1,250	668	398	303
Ontario	2,140	17	37	168	319	485	565	285	155	109
1971										
Canada	5,933	63	143	557	1,069	1,464	1,255	698	394	290
Ontario	2,208	16	40	186	331	514	572	293	154	103
1972										
Canada	6,111	68	154	573	1,081	1,530	1,282	703	404	317
Ontario	2,275	16	50	195	347	528	566	299	156	118
1973										
Canada	6,301	85	169	624	1,127	1,526	1,284	733	405	349
Ontario	2,354	16	48	235	354	513	586	319	159	125
1974										
Canada	6,513	94	169	627	1,106	1,557	1,357	775	466	363
Ontario	2,440	26	49	218	354	532	614	330	182	133
1975										
Canada	6,721	93	177	667	1,169	1,633	1,361	787	473	362
Ontario	2,523	20	61	242	370	564	617	339	186	123
1976										
Canada	6,949	85	186	658	1,180	1,680	1,393	839	499	429
Ontario	2,606	20	54	209	383	583	610	363	218	165
1977										
Canada	7,119	92	187	684	1,159	1,686	1,428	869	539	475
Ontario	2,666	25	57	255	382	550	626	360	233	178
1978										
Canada	7,320	110	197	661	1,218	1,690	1,490	907	554	492
Ontario	2,741	33	62	230	424	530	658	408	225	170
1979										
Canada	7,558	103	180	756	1,213	1,715	1,486	968	603	534
Ontario	2,813	38	52	264	406	546	651	407	248	201
1980										
Canada	7,807	85	170	715	1,214	1,815	1,528	1,011	702	567
Ontario	2,910	26	52	250	403	570	680	434	286	209
1981										
Canada	8,063	92	184	706	1,272	1,725	1,624	1,076	739	645
Ontario	2,987	29	61	244	392	551	700	459	310	242

Table 9.5 (cont'd.)

Rooms and Bedrooms per Dwelling, Canada and Ontario, 1968-1981[1]

	Total Households[2]	Number of bedrooms per dwelling						
		None[3]	1	2	3	4	5	6 +
					'000's			
1968								
Canada	5,458	93	678	1,516	2,147	748	212	65
Ontario	2,003	27	228	538	872	263	58	17
1969								
Canada	5,616	92	681	1,568	2,232	755	216	73
Ontario	2,062	29	233	532	901	283	62	21
1970								
Canada	5,784	109	719	1,594	2,294	790	209	69
Ontario	2,140	33	263	535	939	295	56	21
1971								
Canada	5,933	121	776	1,615	2,318	815	222	65
Ontario	2,208	41	265	561	964	300	57	19
1972								
Canada	6,111	143	817	1,626	2,382	841	228	75
Ontario	2,275	42	304	571	967	307	62	22
1973								
Canada	6,301	161	866	1,690	2,446	830	230	78
Ontario	2,354	42	322	600	999	305	61	24
1974								
Canada	6,513	173	884	1,668	2,584	887	232	85
Ontario	2,440	59	315	611	1,049	312	65	28
1975								
Canada	6,721	161	943	1,806	2,611	890	240	70
Ontario	2,523	51	349	655	1,061	322	66	17
1976								
Canada	6,949	159	962	1,817	2,727	970	241	72
Ontario	2,606	48	335	669	1,083	377	70	25
1977								
Canada	7,119	169	1,014	1,788	2,858	976	241	73
Ontario	2,666	60	383	659	1,094	376	69	27
1978								
Canada	7,320	181	1,039	1,862	2,928	1,003	235	71
Ontario	2,741	69	368	686	1,155	384	61	17
1979								
Canada	7,558	178	1,129	1,912	2,998	1,024	245	72
Ontario	2,813	62	421	716	1,157	368	69	19
1980								
Canada	7,807	151	1,130	1,960	3,234	1,043	226	62
Ontario	2,910	55	426	721	1,251	380	62	15
1981								
Canada	8,063	170	1,143	2,034	3,270	1,139	246	62
Ontario	2,987	59	409	738	1,271	431	63	16

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) See introductory note of this chapter for a definition of "Bedrooms".

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.6

Newly Completed and Unoccupied Dwellings[1], by Census Metropolitan Area[2], Ontario, Quarterly, 1978-1981

	1978				1979				1980				1981			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Houses and Duplexes																
Hamilton	625	696	821	830	716	667	500	448	361	294	294	285	246	172	118	225
Kitchener	439	391	386	358	375	303	251	220	203	207	217	210	180	134	180	107
London	182	136	185	280	256	240	194	188	177	190	250	224	196	168	120	171
Ottawa-Hull CMA[4]	284	567	427	328	273	319	432	425	312	264	202	146	102	66	41	83
St. Catharines-Niagara	460	435	495	525	461	414	418	390	387	298	304	243	239	237	214	155
Sudbury	74	51	32	79	78	49	61	82	89	57	66	48	51	48	42	36
Thunder Bay	13	16	15	21	20	47	39	49	61	61	52	36	31	8	7	6
Toronto	1,167	992	813	676	577	477	547	419	516	563	517	484	301	184	224	406
Windsor	14	24	24	23	30	11	26	46	60	80	73	66	62	53	50	28
Row and Apartments[3]																
Hamilton	666	858	884	563	517	221	89	65	202	180	96	35	40	55	50	72
Kitchener	428	376	470	195	144	143	130	74	64	80	330	114	129	87	94	134
London	259	355	258	439	613	656	461	617	407	443	363	200	145	80	69	94
Ottawa-Hull CMA[4]	936	1,348	677	1,533	1,297	1,068	1,103	1,288	846	461	370	414	219	55	111	140
St. Catharines-Niagara	83	101	24	86	79	231	93	28	29	80	103	76	37	1	–	1
Sudbury	3	99	126	111	97	155	32	25	2	–	–	–	–	–	–	–
Thunder Bay	159	77	3	–	11	2	6	44	44	44	60	7	–	–	2	–
Toronto	2,588	3,731	4,714	3,330	4,476	5,350	4,415	2,912	2,281	2,104	857	1,097	556	626	736	1701
Windsor	53	50	–	–	133	29	66	406	259	280	323	658	406	362	236	194

1) As at the end of period shown.
2) Data on 1976 Census Area definitions.
3) Data for 1978 is based on dwelling units completed and unoccupied for six months or less. Subsequent data are based on dwelling units completed and unoccupied for twelve months or less.
4) Ontario Part

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*

Table 9.7

Privately Initiated Apartment Completions by Size of Structure, by Census Metropolitan Area[1], Ontario 1979-1981

	Hamilton	Kitchener	London	Ottawa, city of	St. Catharines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
1979									
Number of Structures									
Under 6	–	–	–	–	2	1	3	16	–
6–19	1	1	–	–	2	–	6	12	–
20–49	–	5	3	–	8	–	2	8	9
50–199	2	1	9	1	5	1	2	19	11
200 +	–	–	4	9	–	–	–	24	–
Total	3	7	16	10	17	2	13	79	20
Dwelling Units									
Under 6	–	–	–	–	9	4	12	46	–
6–19	18	7	–	–	15	–	40	112	–
20–49	–	177	87	–	216	–	96	266	303
50–199	271	56	1,014	64	481	124	181	2,168	970
200 +	–	–	959	2,105	–	–	–	6,205	–
Total	289	240	2,060	2,169	721	128	329	8,797	1,273
1980									
Number of Structures									
Under 6	–	–	–	4	–	–	1	7	–
6-19	–	1	–	–	–	–	3	6	–
20-49	1	1	3	2	1	–	2	7	6
50-199	–	1	7	2	3	–	1	17	10
200+	1	2	–	2	–	–	–	16	–
Total	2	5	10	10	4	–	7	53	16
Dwelling Units									
Under 6	–	–	–	6	–	–	5	14	–
6-19	–	11	–	–	–	–	22	68	–
20-49	20	30	147	62	47	–	96	263	238
50-199	–	57	829	248	274	–	114	1,945	1,012
200+	200	421	–	492	–	–	–	4,179	–
Total	220	519	976	808	321	–	237	6,469	1,250
1981									
Number of Structures									
Under 6	–	–	–	–	–	–	3	8	–
6-19	–	–	–	2	1	–	–	4	–
20-49	1	5	2	–	–	–	–	4	–
50-199	–	1	2	–	1	1	–	5	1
200+	–	–	–	1	–	–	–	6	–
Total	1	6	4	3	2	1	3	27	1
Dwelling Units									
Under 6	–	–	–	–	–	–	11	20	–
6-19	–	–	–	14	14	–	–	31	–
20-49	24	228	74	–	–	–	–	132	–
50-199	–	54	136	–	64	152	–	657	160
200+	–	–	–	201	–	–	–	1,860	–
Total	24	282	210	215	78	152	11	2700	160

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1) Data on 1976 Census Area definitions.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.8

Apartment Vacancy Rates[1], by Census Metropolitan Area[2], Ontario, 1975-1981[3]

	1975	1976	1977	1978	1979	1980	1981
				%			
Hamilton	3.0	3.0	4.2	3.5	1.8	1.3	0.7
Kitchener	2.3	2.4	2.6	2.6	1.9	1.1	0.7
London	2.4	2.5	1.8	2.3	4.7	4.1	1.9
Ottawa, city of	2.3	2.2	1.3	1.5	3.5	3.5	0.6
St. Catharines-Niagara	2.9	1.3	1.1	1.4	1.6	1.8	0.8
Sudbury	1.2	1.5	1.2	7.0	5.6	1.9	0.6
Thunder Bay	0.5	0.2	0.3	1.4	1.7	1.0	1.1
Toronto	1.8	1.2	1.0	0.8	1.2	0.5	0.3
Windsor	3.6	1.8	0.8	1.1	1.3	6.1	7.0

1) Refers to privately initiated Apartment Structures of six units and over only.
2) Data for 1975-1976 on 1971 Census Area definitions.
3) Data relate to the month of October.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.9

Consumer Price Indexes[1] by Selected Housing Components and All Items, Canada, 1963-1981

	Shelter								Household Operations		
	Tenancy		Home-Ownership								
	Rent	Total	Property Taxes	Mortgage Interest	Owner Repairs	Depreciation on Dwellings	Dwelling Insurance	Total	Fuel And Utilities[2]	Housing	All Items
1963	82.9	82.1	67.1	54.3	65.0	61.0	52.8	60.8	83.2	74.8	77.2
1964	83.2	82.6	69.3	55.9	67.7	64.5	56.1	63.3	81.9	76.0	78.6
1965	83.7	83.2	71.8	57.8	70.7	67.6	59.4	66.0	81.6	77.3	80.5
1966	85.1	84.6	75.2	60.3	73.4	70.7	63.6	68.9	81.6	79.5	83.5
1967	87.9	87.4	78.2	63.2	77.9	75.7	67.3	72.8	84.6	82.9	86.5
1968	91.7	91.3	83.4	68.8	82.7	81.0	72.3	78.1	88.0	86.7	90.0
1969	95.3	94.9	90.7	78.6	86.0	87.2	77.3	85.1	90.1	91.2	94.1
1970	98.4	98.2	97.3	89.1	93.6	92.9	81.6	92.5	94.3	95.7	97.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	101.2	101.5	101.6	108.7	107.6	110.6	124.3	108.0	103.9	104.7	104.8
1973	102.6	103.2	103.5	121.0^r	118.2^r	125.2^r	154.7	118.8	114.0	111.4	112.7
1974	105.5^r	106.2	104.0	136.7	136.6	138.4	175.8^r	130.3	129.6	121.2^r	125.0
1975	111.1	112.0	111.2	156.8	146.4	146.2	212.5	143.6	146.6	133.2	138.5
1976	118.9	120.0	125.7	179.1	163.6	164.2	266.1	163.4	173.1	148.0	148.9
1977	126.3	127.6	141.1	198.8	178.8^r	179.3	305.6	181.2	199.3	161.9	160.8
1978	132.9	134.4	153.9	215.0	193.2	193.0	329.1	196.1	223.8	174.1	175.2
1979	138.9	140.6	161.8	228.0	214.8	200.9	344.6	208.3	244.6	186.2	191.2
1980	145.5	147.6	166.6	251.2	231.4	216.0	370.4	223.9	275.8	201.4	210.6
1981	154.8	157.4	173.0	296.2	258.4	244.7	434.9	252.5	342.4	226.4	236.9

1) For further information see Statistics Canada, *Prices and Price Indexes*, Catalogue 62-010.
2) Previously Fuel and Electricity, until December, 1972.

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 9.10

Water Supply and Source of Water, Canada and Ontario, 1968-1981[1]

	Total Households[2]	Water Supply: Hot and Cold Inside	Water Supply: Cold only Piped Inside	Water Supply: No water Piped Inside	Source of Piped Running Water: Community Water Main System	Source of Piped Running Water: Other[3]
	'000's					
1968						
Canada	5,458	4,964	276	218	4,377	862
Ontario	2,003	1,894	76	33	1,679	291
1969						
Canada	5,616	5,265	153	198	4,516	902
Ontario	2,062	2,011	17	34	1,720	308
1970						
Canada	5,784	5,465	152	167	4,702	915
Ontario	2,140	2,088	26	26	1,804	310
1971						
Canada	5,933	5,545	225	163	4,799	971
Ontario	2,208	2,140	44	24	1,846	338
1972						
Canada	6,111	5,719	246	146	4,984	981
Ontario	2,275	2,178	73	24	1,916	335
1973						
Canada	6,301	5,952	210	140	5,183	979
Ontario	2,354	2,269	57	28	1,982	344
1974						
Canada	6,513	6,235	173	105	5,394	1,013
Ontario	2,440	2,373	50	16	2,067	356
1975						
Canada	6,721	6,502	122	97	5,607	1,017
Ontario	2,523	2,481	24	18	2,165	340
1976						
Canada	6,949	6,757	120	72	5,868	1,009
Ontario	2,606	2,570	23	13	2,234	359
1977						
Canada	7,119	6,965	83	71	5,996	1,051
Ontario	2,666	2,643	13	10	2,288	368
1978						
Canada	7,320	7,181	75	63	6,195	1,061
Ontario	2,741	2,720	9	12	2,357	372
1979						
Canada	7,558	7,435	67	56	6,368	1,134
Ontario	2,813	2,791	10	12	2,414	387
1980						
Canada	7,807	7,701	58	48	6,636	1,122
Ontario	2,910	2,891	9	. . .	2,513	388
1981						
Canada	8,063	7,945	74	44	6,828	1,191
Ontario	2,987	2,966	15	. . .	2,578	403

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[1] For 1973-1975, figures are as of April; all other years, figures are as of May.

[2] See introductory notes of this chapter for an explanation of the coverage.

[3] Refers to private wells, springs, etc.

Source: SC, *Household Facilities and Equipment*. (64-202)

Table 9.11

Principal Heating Fuel and Equipment, Canada and Ontario, 1971-1981[1]

		Heating Fuel							Heating Equipment						
	Total Households[2]	Oil or Other Liquid Fuel[3]	Piped Gas	Bottled Gas	Electricity	Coal or Coke	Wood	Other[4]	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electricity	Cook Stoves or Ranges	Other[5]
										Forced	Other				
								000's							
1971															
Canada	5,933	3,406	1,937	70	290	60	165	6	1,420	3,061	294	734	290	123	12
Ontario	2,208	1,189	843	16	110	16	29	--	560	1,289	91	140	110	14	--
1972															
Canada	6,111	3,473	1,995	65	390	51	135	--	1,421	3,217	289	653	390	127	14
Ontario	2,275	1,190	880	13	161	11	19	--	531	1,357	88	123	161	11	4
1973															
Canada	6,301	3,498	2,120	75	442	38	127	--	1,505	3,314	260	673	441	95	15
Ontario	2,354	1,214	928	15	164	10	21	--	583	1,393	87	113	164	11	--
1974															
Canada	6,513	3,492	2,240	70	563	29	115	--	1,552	3,462	243	599	563	77	17
Ontario	2,440	1,185	999	15	211	5	21	--	605	1,429	67	114	211	9	4
1975															
Canada	6,721	3,475	2,332	74	706	22	107	5	1,556	3,564	222	578	706	83	13
Ontario	2,523	1,186	1,046	16	250	--	18	--	592	1,483	65	118	250	9	6
1976															
Canada	6,949	3,306	2,544	58	913	20	103	5	1,601	3,654	216	469	913	84	11
Ontario	2,606	1,068	1,176	17	302	--	19	--	600	1,544	63	76	302	16	6
1977															
Canada	7,119	3,216	2,678	57	1,027	28	108	--	1,623	3,750	220	467	981	64	12
Ontario	2,666	1,072	1,242	19	306	--	21	...	633	1,582	61	92	287	--	...
1978															
Canada	7,320	3,189	2,721	55	1,188	32	133	...	1,654	3,781	230	431	1,142	68	13
Ontario	2,741	1,102	1,222	16	365	6	29	...	664	1,584	58	79	343	10	
1979															
Canada	7,558	3,140	2,843	49	1,366	18	140	...	1,744	3,817	219	408	1,296	56	18
Ontario	2,813	1,065	1,293	17	400	...	34	...	665	1,620	55	84	372	9	9
1980															
Canada	7,807	2,914	3,078	52	1,522	21	218	--	1,653	4,032	209	386	1,462	54	12
Ontario	2,910	1,029	1,398	12	406	...	59	--	618	1,751	65	86	378	...	--
1981															
Canada	8,063	2,769	3,340	57	1,656	16	219	7	1,703	4,198	185	300	1,557	49	72
Ontario	2,987	957	1,551	16	403	...	55	...	661	1,835	43	65	360	8	14

1) For 1974, figures are as of April; for 1972, 1976, 1978, 1980 and 1981 figures are as of May.
2) See introductory note of this chapter for an explanation of the coverage.
3) Includes kerosene.
4) Mainly sawdust.
5) Includes central heating and fireplaces.

Sources: SC, *Household Facilities and Equipment* (64-202)

Table 9.12

Households with Supplementary Heating Equipment, Canada and Ontario 1979 and 1981

	1979		1981	
	Canada	Ontario	Canada	Ontario
		'000's		
Total Households[1]	7,558	2,813	8,063	2,987
Households with Equipment	1,795	624	2,046	712
Heating Stove	526	118	673	149
Cookstove or Range	131	37	152	38
Portable Heater	999	428	1,024	466
Other	139	41	196	59

1) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment* (64-202).

Table 9.13

Fuel for Supplementary Heating Equipment, Canada and Ontario, 1979 and 1981

	1979		1981	
	Canada	Ontario	Canada	Ontario
		'000's		
Total Households[1]	7,558	2,813	8,063	2,987
Households with Equipment	1,795	624	2,046	712
Oil or Other Liquid Fuel	99	12	117	17
Gas	56	19	45	13
Electricity	1,098	462	1,132	501
Wood, coal or coke	535	129	732	175
Other[2]	6	–	20	5

1) See introductory note of this chapter for an explanation of the coverage
2) Includes coal and coke

Source: SC, *Household Facilities and Equipment*, (64-202).

Table 9.14

Toilet and Installed Bath Facilities, Canada and Ontario, 1968-1981[1]

		Households with flush toilets						Households with installed baths or showers				
									Exclusive use			
	Total Households[2]	Total	One Flush Toilet	Two Flush Toilets[3]	Three or More Flush Toilets	Chemical Toilets	Households without Toilets	Total	One Bathroom	Two or more Bathrooms	Shared Use	Households without Installed Baths or Showers
						'000's						
1968												
Canada	5,458	5,103	4,294	724	85	48	307	4,978	4,575	342	61	480
Ontario	2,003	1,939	1,563	335	41	7	57	1,925	1,761	145	19	78
1969												
Canada	5,616	5,285	4,343	825	118	41	290	5,163	4,702	414	47	453
Ontario	2,062	1,999	1,548	396	55	6	56	1,990	1,788	187	15	72
1970												
Canada	5,784	5,500	4,498	868	133	43	242	5,366	4,864	446	55	418
Ontario	2,140	2,088	1,632	396	60	6	46	2,070	1,859	187	23	71
1971												
Canada	5,933	5,658	4,530	977	151	38	238	5,540	4,981	510	49	393
Ontario	2,208	2,155	1,636	453	66	7	46	2,142	1,905	224	13	66
1972												
Canada	6,111	5,868	4,710	1,019	139	37	206	5,757	5,155	551	51	355
Ontario	2,275	2,232	1,710	460	61	4	40	2,216	1,979	224	12	59
1973												
Canada	6,301	6,072	4,813	1,092	166	44	186	6,001	5,340	607	54	300
Ontario	2,354	2,306	1,728	506	72	7	40	2,300	2,021	264	14	54
1974												
Canada	6,513	6,332	4,921	1,230	181	33	147	6,264	5,494	718	52	249
Ontario	2,440	2,407	1,768	565	75	5	27	2,401	2,085	303	14	39
1975												
Canada	6,721	6,549	5,038	1,313	198	31	141	6,510	5,694	769	46	211
Ontario	2,523	2,488	1,803	595	90	7	28	2,487	2,171	302	13	36
1976												
Canada	6,949	6,818	5,145	1,420	252	17	114	6,783	5,825	916	42	166
Ontario	2,606	2,581	1,820	643	118	4	21	2,577	2,181	385	10	30
1977												
Canada	7,119	6,985	5,152	1,557	275	17	117	6,962	5,970	951	41	157
Ontario	2,666	2,641	1,857	665	119	5	20	2,641	2,262	370	9	25
1978												
Canada	7,320	7,176	5,232	1,667	277	19	125	7,183	6,127	998	57	137
Ontario	2,741	2,702	1,841	747	114	--	35	2,720	2,315	381	--	21
1979												
Canada	7,558	7,442	5,368	1,757	317	14	102	7,444	6,191	1,212	41	114
Ontario	2,813	2,786	1,911	760	116	...	25	2,794	2,285	494	16	19
1980												
Canada	7,807	7,710	5,412	1,924	375	16	81	7,701	6,345	1,330	26	105
Ontario	2,910	2,890	1,878	881	131	--	18	2,891	2,353	526	...	19
1981												
Canada	8,063	7,975	5,420	2,085	471	15	73	7,968	6,505	1,435	28	95
Ontario	2,987	2,967	1,862	917	188	...	15	2,970	2,413	545	12	17

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment* (64-202)

Table 9.15

Electric Refrigerators, Home Freezers, Electric Washing Machines and Clothes Dryers[1], Canada and Ontario, 1968-1981[2]

		Electric Refrigerators		Home Freezers		Households with Electric Washers			Households with Clothes Dryers		
	Total Households[3]	Households with	Households without	Households with	Households without	Automatic[4]	Other[5]	Households without Electric Washers	Electric[4]	Gas	Households without Clothes Dryers
						'000's					
1968											
Canada	5,458	5,318	139	1,590	3,868	1,746	2,817	895	1,851	156	3,451
Ontario	2,003	1,984	19	578	1,425	604	1,017	382	749	77	1,176
1969											
Canada	5,616	5,508	108	1,738	3,878	2,044	2,656	916	2,096	177	3,343
Ontario	2,062	2,048	14	651	1,411	709	956	397	830	98	1,134
1970											
Canada	5,784	5,693	92	1,920	3,864	2,339	2,503	943	2,361	200	3,224
Ontario	2,140	2,125	15	699	1,441	797	929	415	898	95	1,147
1971											
Canada	5,933	5,829	104	2,019	3,913	2,340	2,409	1,184	2,354	202	3,377
Ontario	2,208	2,186	22	755	1,453	803	908	497	888	103	1,216
1972											
Canada	6,111	6,029	82	2,174	3,937	2,611	2,206	1,294	2,405	212	3,495
Ontario	2,275	2,259	16	792	1,483	877	812	586	889	106	1,279
1973											
Canada	6,301	6,215	86	2,353	3,948	2,834	2,035	1,432	2,626	214	3,462
Ontario	2,354	2,329	24	866	1,488	956	754	643	940	106	1,308
1974											
Canada	6,513	6,440	72	2,590	3,923	3,190	1,862	1,461	2,905	243	3,365
Ontario	2,440	2,425	15	947	1,492	1,100	681	658	1,023	125	1,292
1975											
Canada	6,721	6,671	50	2,809	3,913	3,506	1,662	1,554	3,232	239	3,251
Ontario	2,523	2,511	12	1,020	1,502	1,185	613	725	1,115	125	1,283
1976											
Canada	6,949	6,891	58	3,021	3,928	3,891	1,403	1,654	3,562	238	3,149
Ontario	2,606	2,594	13	1,155	1,451	1,339	536	731	1,236	124	1,246
1977											
Canada	7,119	7,074	44	3,381	3,738	4,216	1,226	1,676	3,919	260	2,940
Ontario	2,666	2,659	7	1,249	1,417	1,413	473	781	1,319	143	1,205
1978											
Canada	7,320	7,276	44	3,455	3,864	4.328	1,261	1,731	4,100	251	2,968
Ontario	2,741	2,728	13	1,292	1,448	1,477	486	778	1,392	129	1,219
1979											
Canada	7,558	7,515	43	3,696	3,861	4,573	1,152	1,833	4,294	242	3,022
Ontario	2,813	2,801	--	1,362	1,451	1,548	424	841	1,442	127	1,244
1980											
Canada	7,807	7,773	34	3,980	3,826	5,033	1,004	1,769	4,677	253	2,877
Ontario	2,910	2,900	. . .	1,489	1,421	1,744	363	804	1,582	130	1,198
1981											
Canada	8,063	8,017	47	4,262	3,802	5,228	955	1,880	4,867	282	2,914
Ontario	2,987	2,975	12	1,594	1,393	1,791	363	833	1,636	145	1,206

1) Includes only washing machines and dryers inside the dwelling.
2) For 1973-1975, figures are as of April; all other years, figures are as of May.
3) See introductory note of this chapter for an explanation of the coverage.
4) Combination washer-dryers are included in both electric washing machines and electric dryers.
5) Mostly wringer-washers.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.16

Air Conditioners and Automatic Dishwashers, Canada and Ontario, 1968-1981[1]

	Total Households[2]	Households with Air Conditioners		Households without Air Conditioners[3]	Households with Automatic Dishwashers	Households without Automatic Dishwashers
		Window Type	Central Unit			
			'000's			
1968						
Canada	5,458	174	..	5,284	277	5,180
Ontario	2,003	104	..	1,899	105	1,898
1969						
Canada	5,616	218	..	5,398	364	5,253
Ontario	2,062	143	..	1,919	141	1,921
1970						
Canada	5,784	246	..	5,538	436	5,348
Ontario	2,140	157	..	1,983	152	1,988
1971						
Canada	5,933	317	..	5,616	510	5,423
Ontario	2,208	197	..	2,010	189	2,019
1972						
Canada	6,111	353	..	5,758	564	5,547
Ontario	2,275	221	..	2,054	191	2,084
1973						
Canada	6,301	417	..	5,885	673	5,628
Ontario	2,354	268	..	2,086	246	2,108
1974						
Canada	6,513	494	166	5,853	839	5,674
Ontario	2,440	331	86	2,023	286	2,154
1975						
Canada	6,721	619	212	5,891	1,023	5,698
Ontario	2,523	407	117	1,998	341	2,181
1976						
Canada	6,949	670	254	6,025	1,296	5,653
Ontario	2,606	463	168	1,974	470	2,136
1977						
Canada	7,119	779	311	6,029	1,550	5,569
Ontario	2,666	501	198	1,967	523	2,143
1978						
Canada	7,320	785	331	6,203	1,744	5,575
Ontario	2,741	514	226	2,001	595	2,146
1979						
Canada	7,558	870	380	6,308	1,984	5,574
Ontario	2,813	555	236	2,021	641	2,172
1980						
Canada	7,807	892	414	6,500	2,228	5,578
Ontario	2,910	546	279	2,085	733	2,176
1981						
Canada	8,063	899	464	6,701	2,514	5,550
Ontario	2,987	532	300	2,155	816	2,171

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) This column includes central unit air conditioner totals from 1967-1973.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.17

Vacuum Cleaners, Portable Humidifiers, Microwave Ovens and Electric Sewing Machines, Canada and Ontario, 1971-1981[1]

		Vacuum Cleaners		Portable Humidifiers		Microwave Ovens		Electric Sewing Machines	
	Total Households[2]	Households with	Households without	Households with	Households without	Households with	Households without	Households with	Households without
					'000's				
1971									
Canada	5,933	4,912	1,021	..	..	..	..	3,817	2,116
Ontario	2,208	1,946	262	..	..	..	..	1,424	784
1972									
Canada	6,111	..	..	817	5,295	..	..	..	..
Ontario	2,275	..	..	378	1,897	..	..	..	..
1973									
Canada	6,301	5,282	1,019	..	..	..	..	4,281	2,021
Ontario	2,354	2,061	293	..	..	..	..	1,565	789
1975									
Canada	6,721	5,816	905	1,344	5,377	52	6,669	4,399	2,322
Ontario	2,523	2,266	257	612	1,911	23	2,500	1,619	903
1977									
Canada	7,119	6,318	801	1,445	5,674	..	..	4,574	2,545
Ontario	2,666	2,438	229	621	2,045	..	..	1,668	998
1979									
Canada	7,558	..	..	..	..	356	7,201	..	..
Ontario	2,813	..	..	..	..	131	2,682	..	..
1981									
Canada	8,063	7,329	734	2,116	5,947	639	7,424	5,342	2,722
Ontario	2,987	2,786	201	880	2,107	218	2,769	1,931	1,056

1) For 1973 and 1975 figures are as of April, all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source SC, *Household Facilities and Equipment*, (64-202)

Table 9.18

Wall-to-wall Carpeting and Fireplaces, Canada and Ontario 1972-1981

		Wall-to-wall Carpeting[2]			Fireplaces[3]	
		Households with				
	Total Households[1]	One Room	Two Room	Three or More Rooms	Households with	Households without
				'000's		
1972						
Canada	6,111	1,205	726	916	..	..
Ontario	2,275	421	279	341	..	..
1979						
Canada	7,558	..	..	..	1,595	5,963
Ontario	2,813	..	..	..	621	2,192
1981						
Canada	8,063	1,100	1,210	3,918	1,920	6,143
Ontario	2,987	369	450	1,476	744	2,243

1) See introductory note of this chapter for an explanation of the coverage.

2) Wall-to-wall carpeting on rugs which leave no more then one Foot bare on any side.

3) Fuel burning fireplaces only.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.19

Telephone and Radios, Canada and Ontario, 1968-1981[1]

	Total Households[2]	Telephones				Radios[3]				
		Households with			Households without Telephones	Households with				Households without Radios
		One	Two[4]	Three or More		One	Two	Three	Four or More	
					'000's					
1968										
Canada	5,458	4,160	900	..	387	2,309	1,559	769	647	174
Ontario	2,003	1,517	406	..	80	750	603	312	275	63
1969										
Canada	5,616	4,235	1,037	..	344	2,258	1,589	868	744	147
Ontario	2,062	1,507	476	..	79	740	596	349	326	51
1970										
Canada	5,784	4,290	1,143	..	351	2,210	1,677	918	818	161
Ontario	2,140	1,549	511	..	81	727	637	380	356	60
1971										
Canada	5,933	4,343	1,246	..	344	2,200	1,789	960	823	161
Ontario	2,206	1,565	562	..	81	737	670	386	359	55
1972										
Canada	6,111	4,504	1,067	190	331	2,135	1,833	1,044	953	146
Ontario	2,275	1,634	485	74	83	700	705	418	399	54
1973										
Canada	6,301	4,530	1,238	219	314	2,046	1,880	1,125	1,107	143
Ontario	2,354	1,611	565	99	79	655	719	450	479	50
1974										
Canada	6,513	4,584	1,404	253	271	2,000	1,985	1,220	1,189	119
Ontario	2,440	1,644	615	105	76	667	750	489	487	47
1975										
Canada	6,721	4,674	1,532	275	240	2,009	2,096	1,265	1,236	115
Ontario	2,523	1,661	671	126	65	700	752	511	517	43
1976										
Canada	6,949	4,772	1,637	297	242	2,007	2,182	1,322	1,336	101
Ontario	2,606	1,717	696	126	66	671	792	523	583	37
1977										
Canada	7,119	4,728	1,799	337	254	2,019	2,245	1,368	1,344	142
Ontario	2,666	1,709	742	152	64	677	825	547	564	55
1978										
Canada	7,320	4,822	1,862	379	257	1,858	2,404	1,495	1,449	112
Ontario	2,741	1,684	807	178	72	597	870	598	637	40
1979										
Canada	7,558	4,902	2,012	433	210	2,182	2,417	1,452	1,385	121
Ontario	2,813	1,732	839	188	54	728	878	600	565	43
1980										
Canada	7,807	4,997	2,188	437	185	2,140	2,548	1,558	1,456	105
Ontario	2,910	1,759	908	183	60	723	939	604	600	44
1981										
Canada	8,063	4,852	2,427	591	193	2,258	2,514	1,597	1,565	129
Ontario	2,987	1,646	1,017	269	56	738	910	634	644	61

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1) For 1973-1975, figures are as of April; for all other years, figures are as of May.

2) See introductory note of this chapter on explanation of the coverage.

3) All types except automobile radios.

4) For 1967-1971, read "Two or More Telephones".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.20
Black and White and Colour Television Sets, Canada and Ontario, 1968-1981[1]

		T.V. - All Types			Black and White T.V.			Colour T.V.		
		Households with			Households with			Households with		
	Total House-holds[2]	One	Two or More	House-holds without T.V.	One	Two or More	Households without Black and White T.V.	One	Two or More	Households without Colour T.V.
					'000's					
1968										
Canada	5,458	4,232	964	262	..	..	..	229	..	5,227
Ontario	2,003	1,528	404	71	..	..	..	109	..	1,893
1969										
Canada	5,616	4,267	1,124	225	..	..	..	438	13	5,165
Ontario	2,062	1,534	464	63	..	..	..	198	7	1,856
1970										
Canada	5,784	4,282	1,270	232	..	..	..	682	19	5,084
Ontario	2,140	1,555	513	72	..	..	..	292	10	1,838
1971										
Canada	5,933	4,335	1,368	230	..	..	..	1,065	26	4,841
Ontario	2,208	1,603	537	67	..	..	..	439	12	1,756
1972										
Canada	6,111	4,407	1,447	258	4,281	838	993	1,444	35	4,632
Ontario	2,275	1,633	564	77	1,591	310	374	568	13	1,674
1973										
Canada	6,301	4,353	1,696	251	4,182	813	1,306	2,020	70	4,212
Ontario	2,354	1,607	667	79	1,555	292	507	812	34	1,508
1974										
Canada	6,513	4,295	1,981	237	3,997	775	1,741	2,777	122	3,614
Ontario	2,440	1,594	762	83	1,491	285	663	1,060	51	1,309
1975										
Canada	6,721	4,366	2,140	215	3,907	650	2,164	3,406	183	3,132
Ontario	2,523	1,630	823	70	1,463	240	819	1,305	79	1,139
1976										
Canada	6,949	4,432	2,281	236	3,762	576	2,611	3,958	254	2,737
Ontario	2,606	1,657	871	78	1,390	222	995	1,520	102	985
1977										
Canada	7,119	4,516	2,401	202	3,486	522	3,111	4,449	380	2,290
Ontario	2,666	1,704	890	72	1,300	195	1,171	1,658	150	859
1978										
Canada	7,320	4,630	2,491	198	3,346	473	3,501	4,811	483	2,026
Ontario	2,741	1,685	985	71	1,277	196	1,268	1,792	193	756
1979										
Canada	7,558	4,706	2,683	170	3,314	421	3,823	5,200	598	1,760
Ontario	2,813	1,736	1,021	56	1,235	146	1,432	1,966	230	618
1980										
Canada	7,807	4,639	2,969	179	3,253	415	4,139	5,599	736	1,472
Ontario	2,910	1,720	1,122	67	1,200	149	1,561	2,098	283	529
1981										
Canada	8,063	4,718	3,168	177	3,236	418	4,408	5,760	924	1,379
Ontario	2,987	1,728	1,195	64	1,200	147	1,640	2,166	344	477

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.21

Record Players and Tape Recorders, Canada and Ontario, 1968-1981[1]

		Households with Record Players and Tape Recorders			
	Total Households[2]	Total[3]	Record Players	Tape Recorders	Households without Record Players or Tape Recorders
			'000's		
1968					
Canada	5,458	3,599	3,599	. .	1,859
Ontario	2,003	1,378	1,378	. .	625
1969					
Canada	5,616	3,839	3,839	. .	1,777
Ontario	2,062	1,471	1,471	. .	591
1970					
Canada	5,784	4,026	4,026	. .	1,758
Ontario	2,140	1,522	1,522	. .	619
1971					
Canada	5,933	4,155	4,155	. .	1,778
Ontario	2,208	1,595	1,595	. .	613
1972					
Canada	6,111	4,334	4,334	. .	1,777
Ontario	2,275	1,662	1,662	. .	613
1973					
Canada	6,301	4,556	4,556	. .	1,745
Ontario	2,354	1,749	1,749	. .	605
1974					
Canada	6,513	4,849	4,849	. .	1,664
Ontario	2,440	1,852	1,852	. .	588
1975					
Canada	6,721	5,087	5,087	. .	1,634
Ontario	2,523	1,938	1,938	. .	585
1976					
Canada	6,949	5,317	5,317	. .	1,632
Ontario	2,606	2,038	2,038	. .	568
1977					
Canada	7,119	5,509	5,509	. .	1,609
Ontario	2,666	2,100	2,100	. .	566
1978					
Canada	7,320	5,768	5,768	. .	1,552
Ontario	2,741	2,210	2,210	. .	531
1979					
Canada	7,558	6,219	5,840	4,153	1,339
Ontario	2,813	2,349	2,202	1,608	464
1980					
Canada	7,807	6,478	6,230	3,769	1,329
Ontario	2,910	2,440	2,338	1,471	470
1981					
Canada	8,063	6,442	6,442	. .	1,622
Ontario	2,987	2,414	2,414	. .	573

1) For 1973–1975, figures are as of April; all other years, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

3) Sum of kinds of equipment is greater than total households with equipment since some households have more than one kind.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.22

FM Receivers and Battery/Transistor Radios, Canada and Ontario, 1968-1981[1]

		FM Receivers[3]		Battery-Operated or Transistor Radios[4]	
	Total Households[2]	Households with	Households without	Households with	Households without
			'000's		
1968					
Canada	5,458	2,204	3,254	2,810	2,648
Ontario	2,003	936	1,067	1,050	953
1969					
Canada	5,616	2,692	2,924	3,150	2,467
Ontario	2,062	1,133	929	1,155	907
1970					
Canada	5,784	3,060	2,724	3,299	2,486
Ontario	2,140	1,255	885	1,226	914
1971					
Canada	5,933	3,416	2,517	3,522	2,411
Ontario	2,208	1,400	808	1,294	914
1972					
Canada	6,111	3,815	2,296	3,816	2,295
Ontario	2,275	1,559	715	1,381	893
1973					
Canada	6,301	4,235	2,066	4,093	2,208
Ontario	2,354	1,715	638	1,521	832
1974					
Canada	6,513	4,665	1,847	4,191	2,322
Ontario	2,440	1,851	588	1,534	905
1975					
Canada	6,721	5,089	1,632	4,238	2,483
Ontario	2,523	2,002	521	1,542	981
1976					
Canada	6,949	5,317	1,632	4,155	2,794
Ontario	2,606	2,094	512	1,534	1,072
1977					
Canada	7,119	5,858	1,261	4,082	3,036
Ontario	2,666	2,254	412	1,443	1,223
1978					
Canada	7,320	6,160	1,159	4,049	3,270
Ontario	2,741	2,383	358	1,454	1,287
1979					
Canada	7,558	6,508	1,049	3,804	3,754
Ontario	2,813	2,498	315	1,345	1,468
1980					
Canada	7,807	6,835	971	4,007	3,800
Ontario	2,910	2,600	310	1,389	1,520
1981					
Canada	8,063	7,150	913	4,082	3,982
Ontario	2,987	2,709	278	1,473	1,514

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.
2) See the introductory note of this chapter for an explanation of the coverage.
3) Includes all types of FM receivers except those in automobiles.
4) Includes all types of battery-operated or transistor radios which can be operated without a plug.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.23

Automobiles and Garages, Canada and Ontario, 1968-1981[1]

		Households with Automobiles				Garage on Premises[3]	
	Total Households[2]	One Automobile	Two Automobiles[4]	Three or More Automobiles	Households without Automobiles	Households with	Households without
				'000's			
1968							
Canada	5,458	3,333	842	..	1,283	2,252	3,206
Ontario	2,003	1,260	370	..	373	937	1,065
1969							
Canada	5,616	3,426	895	..	1,295	2,329	3,287
Ontario	2,062	1,279	387	..	396	982	1,080
1970							
Canada	5,784	3,524	969	..	1,292	2,383	3,401
Ontario	2,140	1,307	427	..	406	1,011	1,129
1971							
Canada	5,933	3,530	1,068	..	1,335	2,266	3,667
Ontario	2,208	1,324	454	..	430	960	1,248
1972							
Canada	6,111	3,592	969	161	1,389	2,383	3,729
Ontario	2,275	1,347	412	66	450	995	1,280
1973							
Canada	6,301	3,613	1,099	198	1,392	2,464	3,838
Ontario	2,354	1,351	471	73	458	1,049	1,305
1974							
Canada	6,513	3,674	1,179	225	1,435	2,521	3,992
Ontario	2,440	1,372	497	89	482	1,100	1,340
1975							
Canada	6,721	3,756	1,296	248	1,421	2,580	4,141
Ontario	2,523	1,400	538	86	499	1,130	1,392
1976							
Canada	6,949	3,820	1,393	301	1,434	2,668	4,281
Ontario	2,606	1,431	571	107	498	1,190	1,416
1977							
Canada	7,119	3,883	1,431	302	1,502	2,652	4,466
Ontario	2,666	1,428	584	112	542	1,154	1,512
1978							
Canada	7,320	3,989	1,445	310	1,574	2,783	4,537
Ontario	2,741	1,467	612	117	545	1,211	1,530
1979							
Canada	7,558	4,138	1,443	313	1,665	2,768	4,790
Ontario	2,813	1,515	595	127	576	1,197	1,616
1980							
Canada	7,807	4,192	1,653	386	1,576	2,876	4,931
Ontario	2,910	1,513	676	147	573	1,283	1,627
1981							
Canada	8,063	4,322	1,745	376	1,620	3,164	4,900
Ontario	2,987	1,580	705	147	555	1,424	1,563

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[1] For 1973-1975, figures are as of April; all other years, figures are as of May.

[2] See introductory note of this chapter for an explanation of the coverage.

[3] Excludes carports and communal parking lots in basements of apartment blocks.

[4] For 1968-1971, read "Two or More Automobiles".

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.24

Households with Automobiles, Showing Numbers with and without Radios and FM Radios, Canada and Ontario, 1968-1981[1]

	Households with Automobiles	Households with One Automobile		Households with Two or More Automobiles		Households with Automobiles	
		Radio-Equipped	Not Radio-Equipped	Radio-Equipped[2]	Not Radio-Equipped	With FM Radio	Without FM Radio
				'000's			
1968							
Canada	4,175	2,512	821	781	61	..	..
Ontario	1,630	946	314	346	24	..	..
1969							
Canada	4,321	2,693	733	836	59	..	..
Ontario	1,666	1,002	277	362	25	..	..
1970							
Canada	4,492	2,855	668	912	57	..	..
Ontario	1,734	1,055	252	402	24	..	..
1971							
Canada	4,598	2,904	627	1,014	53	447	4,151
Ontario	1,778	1,081	243	434	20	167	1,611
1972							
Canada	4,723	3,037	555	1,082	48	571	4,152
Ontario	1,825	1,134	212	461	17	214	1,610
1973							
Canada	4,909	3,117	496	1,250	46	696	4,213
Ontario	1,896	1,166	186	528	16	261	1,634
1974							
Canada	5,078	3,201	473	1,360	44	841	4,237
Ontario	1,958	1,194	178	569	16	304	1,654
1975							
Canada	5,300	3,342	414	1,509	35	1,034	4,266
Ontario	2,024	1,234	166	611	13	387	1,637
1976							
Canada	5,514	3,445	376	1,663	31	1,283	4,231
Ontario	2,108	1,284	147	667	11	490	1,618
1977							
Canada	5,617	3,548	335	1,709	25	1,541	4,076
Ontario	2,124	1,282	146	686	11	600	1,525
1978							
Canada	5,745	3,705	284	1,729	27	1,861	3,885
Ontario	2,196	1,340	127	718	11	713	1,483
1979							
Canada	5,893	3,914	224	1,742	13	2,257	3,636
Ontario	2,238	1,426	89	716	6	883	1,355
1980							
Canada	6,230	3,985	207	2,022	16	2,734	3,497
Ontario	2,337	1,433	80	819	...	1,066	1,271
1981							
Canada	6,443	4,117	205	2,104	17	3,087	3,356
Ontario	2,432	1,491	89	846	6	1,203	1,229

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1) For 1973-1975, figures are as of April; all other years, figures are as of May.

2) At least one automobile is radio-equipped.

Source: SC, *Household Facilities and Equipment*, (64-202)

Table 9.25

Snowblowers and Lawn-mowers, Canada and Ontario, Selected Years, 1970-1980[1]

	1970		1972		1974	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
				'000's		
Total Households[2]	5,784	2,140	6,111	2,275	6,513	2,440
Snowblowers						
Households with	..	..	278	122	421	172
Households without	..	..	5,834	2,153	6,092	2,268
Lawn-mowers						
Powermowers	2,716	1,123	2,966	1,206	3,202	1,247
Gasoline	2,050	882	2,167	919	2,254	907
Electric	665	241	799	288	948	340
Hand	605	293	523	264	447	232
Households without Lawn-mowers	2,464	725	2,622	804	2,864	961

Table 9.25 (cont'd)

	1976		1978		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
				'000's		
Total Households[2]	6,949	2,606	7,320	2,741	7,807	2,910
Snowblowers						
Households with	545	209	695	271	861	352
Households without	6,404	2,398	6,625	2,470	6,945	2,558
Lawn-mowers						
Powermowers	3,556	1,412	3,893	1,492	4,364	1,668
Gasoline	2,457	993	2,715	1,041	3,089	1,203
Electric	1,099	419	1,178	451	1,276	465
Hand	381	211	298	161	273	153
Households without Lawn-mowers	3,011	983	3,129	1,088	3,169	1,090

1) For 1974, figures are as of April; for 1968, 1970, 1972, 1976 and 1978, figures are as of May.

2) See introductory note of this chapter for an explanation of the coverage.

Source: SC, *Household Facilities and Equipment*, (64-202)

Media and Communications

Highlights

- **Telephone and Telegraph** – In 1980 the telephone exchange showing the highest number of telephones per 100 population was Toronto with 88.1 followed by Ottawa with 79.0 and Thunder Bay with 75.5.

  There were 8.5 billion telephone calls in 1980 in Ontario. This represents a 4.1 per cent increase from the previous year. In 1980 there were 1,299 local calls per telephone and 76 long distance calls per telephone for a total of 1,375. In terms of total calls per capita, the 1980 mark of 987 for Bell Canada in Ontario is a 6.4 per cent decrease from the previous year and compares with 1,114 calls per capita for the rest of Canada.

  The number of telegrams sent in Ontario in 1979 totalled 0.8 million, a 7.5 per cent decrease from the 1978 figure and 23.1 per cent below the 1973 mark of 1.1 million.

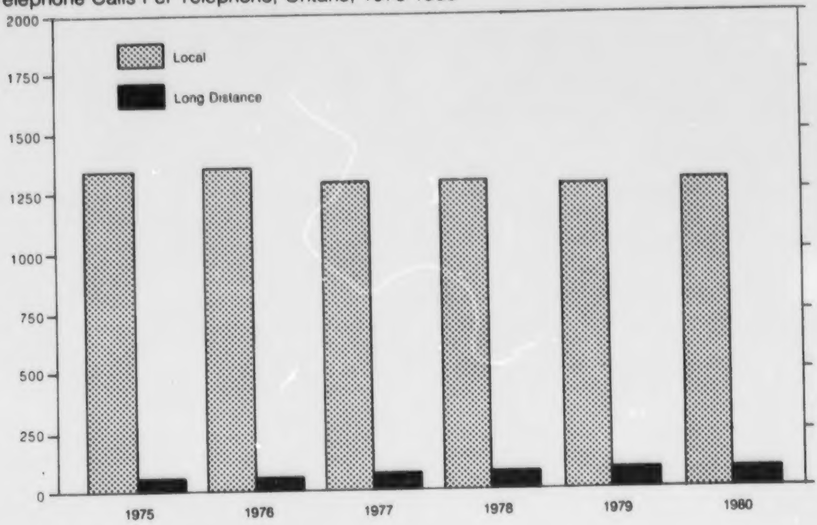
- **Radio and Television** – Of the 113 originating television stations in Canada in 1982, Ontario had 27.4 per cent. There are a total of 138 stations in Ontario, 31 of which are originating stations and 107 rebroadcasters.

  Of the 396 originating AM stations in Canada 25.5 per cent in Ontario. Of the 192 originating FM stations, 35.9 per cent broadcast in Ontario. 6.5 per cent of the 170 originating radio stations in Ontario broadcast in languages other than English.

- **Print** – In 1980, of a total stock of 50.1 million books in all Canadian public libraries, 25.1 million or 50.1 per cent were in Ontario libraries.

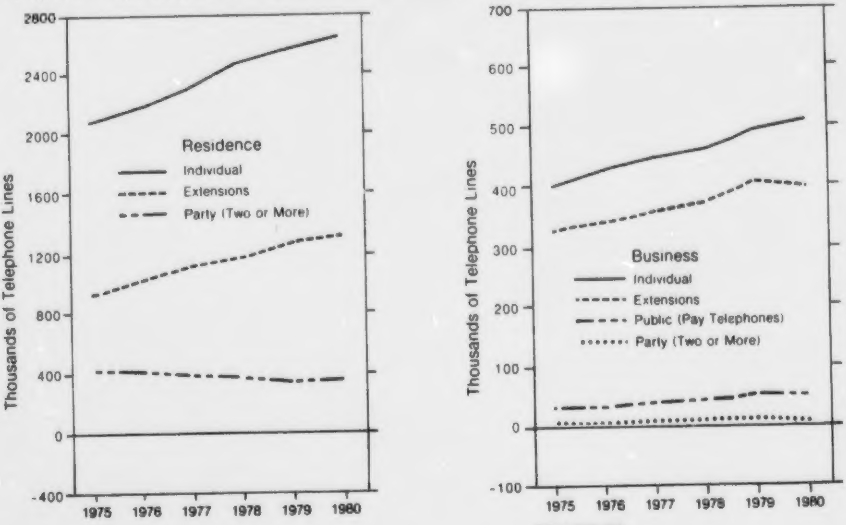
  Of the three leading newspapers in Toronto (The Star, The Globe and Mail and The Sun), The Star represented 52.5 per cent of the circulation in 1981.

Graph 10.A
Telephone Calls Per Telephone, Ontario, 1975-1980



Refer to Table 10.2

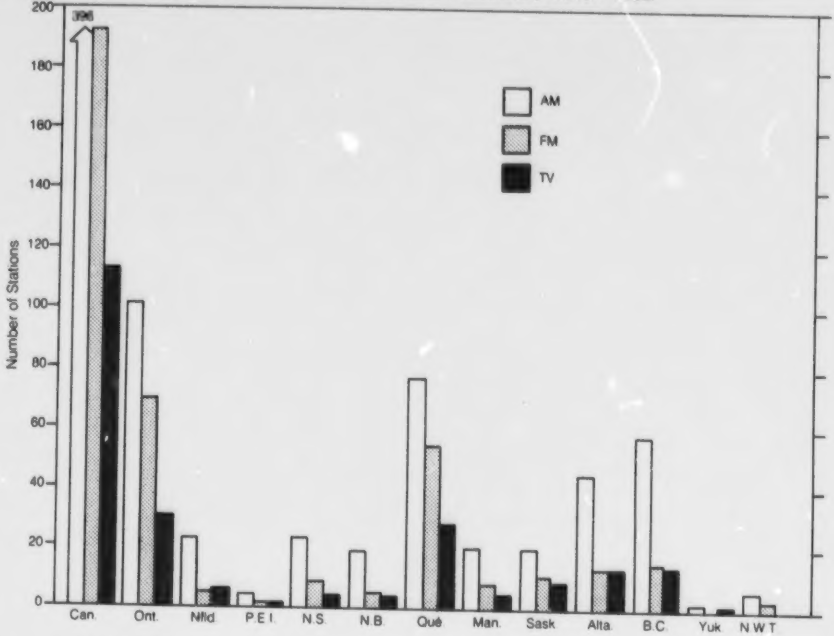
Graph 10.B
Telephones by Type of Service, Ontario, 1975-1980



Refer to Table 10.3

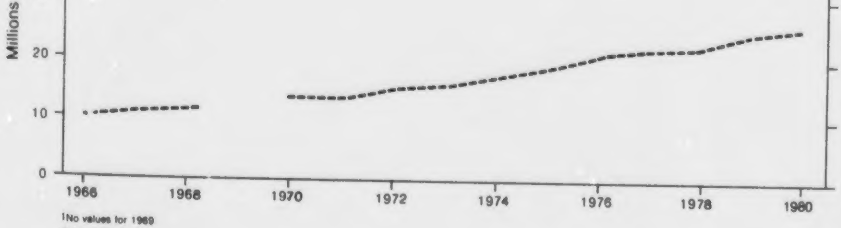
Refer to Table 10.3

Graph 10.C
AM, FM and TV Originating Stations, Canada and Provinces, March 1982



Refer to Tables 10.5 and 10.6

Graph 10.D
Stock and Circulation for all Public Libraries, Ontario, 1966-1980[1]



[1] No values for 1969
Refer to Table 10.7

Table 10.1

Telephones in Selected Telephone Exchanges, Ontario, 1980

	Residence	Business	Total	Number of Telephones Per 100 Population
Toronto[1]	1,224,912	663,891	1,888,803	88.1
Ottawa	247,142	171,658	418,800	79.0
Hamilton	162,821	65,430	228,251	67.5
London	142,636	59,259	201,895	75.0
Windsor	99,640	37,481	137,121	71.9
Kitchener-Waterloo	98,228	37,973	136,201	71.6
Cooksville	66,312	30,247	96,559	69.3
Thunder Bay	59,571	36,372	95,943	75.5
St. Catharines	72,457	23,233	95,690	63.1
Brampton	67,853	23,897	91,750	64.3
Oshawa	60,627	17,860	78,487	61.1
Kingston	52,850	23,681	76,531	72.7
Burlington	58,229	16,369	74,598	62.5
Sudbury[2]	43,962	20,772	64,734	67.4
Guelph	40,937	15,922	56,859	70.3
Sault Ste. Marie	41,862	14,390	56,252	66.6
Sarnia	37,000	16,548	53,548	75.4
Peterborough	36,016	15,548	51,564	73.6
Niagara Falls	35,041	13,623	48,664	61.9
Barrie	26,429	11,209	37,638	74.7
North Bay	24,619	11,437	36,056	69.9
Chatham	25,587	10,228	35,815	64.8
Cornwall	23,490	10,212	33,702	64.1

1) Includes Weston, Willowdale-Don Mills, New Toronto-Islington, Scarborough, Agincourt.

2) Includes Copper Cliff.

Source: SC, *Telephone Statistics* (56-203).

Table 10.2

Telephone Calls, Canada and Ontario[1], 1975-1980

	Telephone Calls			Calls Per Telephone			
	Local	Long Distance	Total	Local	Long Distance	Total	Total Calls Per Capita
1975							
Canada	20,340,604,808	853,504,660	21,194,109,648	1,545	65	1,610	922
Ontario	11,605,530,453	522,443,105	12,127,973,558	1,363	61	1,424	836
1976							
Canada	21,301,348,468	917,812,442	22,219,160,910	1,534	66	1,600	953
Ontario	6,948,953,215	356,657,927	7,305,611,142	1,299	68	1,367	870
1977							
Canada	22,249,409,663	991,434,363	23,240,844,026	1,536	68	1,604	991
Ontario	7,336,043,177	372,325,955	7,708,369,132	1,316	68	1,384	913
1978							
Canada	22,986,788,127	1,082,618,745	24,069,406,872	1,515	71	1,586	1,020
Ontario	7,508,116,242	405,819,800	7,913,936,042	1,293	71	1,364	933
1979							
Canada	23,885,752,207	1,210,770,358	25,096,522,565	1,508	76	1,584	955
Ontario	7,723,311,471	431,609,656	8,154,921,127	1,284	73	1,357	1,054
1980							
Canada	25,501,062,903	1,340,262,941	26,841,325,844	1,543	81	1,624	1,114
Ontario	8,030,552,052	461,229,820	8,491,781,872	1,299	76	1,375	987

1) 1974-1975 includes data of Bell Canada, which operates in Québec, Ontario and the Northwest Territories.

Source: SC, *Telephone Statistics, (56-203)*

Table 10.3

Telephones by Type of Service, Canada and Ontario, 1975-1980

	On Individual Lines		On 2 (or more) Party lines		Extensions				
	Residence	Business	Residence	Business	Residence	Business	Public Pay Telephones	Other Types[1]	Total Telephones
1975									
Canada	5,769,742	1,086,725	1,272,583	34,076	2,194,210	904,922	89,431	1,813,321	13,165,010
Ontario	2,207,281	404,290	424,232	9,082	932,104	327,437	33,719	753,564	5,091,709
1976									
Canada	6,052,752	1,148,650	1,255,480	34,440	2,450,174	958,662	92,663	1,892,234	13,885,055
Ontario	2,307,055	424,837	413,082	9,012	1,040,237	342,431	35,040	777,554	5,349,248
1977									
Canada	6,324,122	1,208,711	1,222,678	34,421	2,632,349	1,002,421	97,674	1,965,405	14,487,781
Ontario	2,408,511	445,475	395,946	8,716	1,117,539	356,779	37,750	803,351	5,574,067
1978									
Canada	6,626,576	1,277,360	1,187,938	33,926	2,829,060	1,059,658	102,564	2,054,491	15,171,573
Ontario	2,504,211	467,465	380,732	7,982	1,198,976	372,074	40,446	833,621	5,805,507
1979									
Canada	6,903,348	1,350,786	1,144,489	36,031	3,030,051	1,129,622	107,878	2,136,749	15,838,954
Ontario	2,587,473	487,213	366,965	10,146	1,268,575	401,138	42,771	849,031	6,013,312
1980									
Canada	7,235,049	1,428,413	1,103,130	31,849	3,170,880	1,167,136	115,092	2,279,142	16,530,691
Ontario	2,688,815	505,446	353,000	6,695	1,290,508	395,876	45,010	894,903	6,180,253

1) Other types include mobile, centrex, and PBX telephones as well as Wide Area Telephone service lines (WATS).

Source: SC, *Telephone Statistics, (56–203)*

Table 10.4

Summary of Pole Line, Wire Mileage, Number of Offices and Telegrams Sent, Canada and Ontario, 1973-1979

	Pole Line Mileage[1]	Wire Mileage	Number of Offices	Telegrams Sent
1973				
Canada	37,832	754,608	805	3,454,264
Ontario	9,493	169,775	140	1,054,838
1974				
Canada	35,787	748,065	554	3,743,340
Ontario	8,679	147,708	88	1,278,421
1975				
Canada	32,152	767,609	443	4,115,209
Ontario	6,935	144,365	71	1,454,705
1976				
Canada	30,500	813,770	402	2,746,945
Ontario	6,731	143,385	60	1,062,594
1977				
Canada	28,543	846,445	347	2,311,817
Ontario	5,845	162,750	42	891,788
1978				
Canada	26,623	877,358	195	2,225,408
Ontario	5,545	136,070	30	876,218
1979				
Canada	26,136	919,143	111	1,953,083
Ontario	5,393	163,084	20	810,893

1) Excludes pole line mileage in Canada leased from telephone and power companies.

Source: SC, *Telecommunications Statistics, (56-201)*

Table 10.5

Television Stations, by Language, Canada and Provinces, March 1982

	Originating Stations[1]					Rebroadcasters[2]					
	Eng.	Fr.	Nat.[4]	Multi.[3]	Total	Eng.	Fr.	Nat.[4]	Multi[3]	Total	Total TV Stations
Canada	81	26	5	1	113	897	213	6	–	1,116	1,229
Ontario	27	2	1	1	31	76	31	–	–	107	138
Newfoundland	6	–	–	–	6	126	4	–	–	130	136
Prince Edward Is.	1	–	–	–	1	4	2	–	–	6	7
Nova Scotia	4	–	–	–	4	42	8	–	–	50	54
New Brunswick	3	1	–	–	4	15	8	–	–	23	27
Québec	3	20	4	–	27	35	117	–	–	152	179
Manitoba	4	1	–	–	5	52	8	–	–	60	65
Saskatchewan	8	–	–	–	8	74	13	1	–	88	96
Alberta	12	1	–	–	13	92	12	–	–	104	117
British Columbia	12	1	–	–	13	321	9	–	–	330	343
Yukon	1	–	–	–	1	18	–	–	–	18	19
Northwest Territories	–	–	–	–	–	42	1	5	–	48	48

1) Originating Stations: originate (in whole or in part) a daily program schedule.
2) Rebroadcasting Stations: rebroadcast the program schedule of another station.
3) Multilingual Stations: broadcast in languages other than English or French.
4) Native.

Source: Canadian Radio Television and Telecommunications Commission.

Table 10.6

AM and FM Stations, by Language, Canada and Provinces, March 1982

	Originating Station[1]										Rebroadcasters[2]									
	Eng.		Fr.		Nat[4]		Multi[3]		Total		Eng.		Fr.		Nat[4]		Multi[3]		Total	
	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM	AM	FM
Canada	303	130	83	47	6	14	4	1	396	192	260	296	90	117	1	13	–	–	351	426
Ontario	93	66	5	2	2	1	1	–	101	69	51	39	24	21	–	–	–	–	75	60
Newfoundland	22	3	–	–	–	2	–	–	22	5	21	33	2	2	–	–	–	–	23	35
Prince Edward Island	4	1	–	–	–	–	–	–	4	1	–	1	–	1	–	–	–	–	–	2
Nova Scotia	22	7	–	–	–	1	–	–	22	8	8	12	10	9	–	–	–	–	18	21
New Brunswick	15	4	4	1	–	–	–	–	19	5	7	11	5	6	–	–	–	–	12	17
Quebec	8	4	70	42	–	8	–	1	78	55	17	25	40	55	–	–	–	–	57	80
Manitoba	16	7	1	–	2	–	1	–	20	7	5	29	2	4	–	–	–	–	7	33
Saskatchewan	20	9	–	1	–	1	–	–	20	11	1	20	2	3	–	–	–	–	3	23
Alberta	40	13	3	–	–	–	1	–	44	13	22	36	3	9	–	–	–	–	25	45
British Columbia	57	14	–	1	–	–	1	–	58	15	101	80	2	7	–	–	–	–	103	87
Yukon	2	–	–	–	–	–	–	–	2	–	12	1	–	–	–	–	–	–	12	1
N.W.T.	4	2	–	–	2	1	–	–	6	3	15	9	–	–	1	13	–	–	16	22

1) Originating stations; originate (in whole or in part) a daily program schedule.
2) Rebroadcasting station, rebroadcasts the program schedule of another station.
3) Multilingual stations; broadcast in languages other than English or French.
4) Native.

Source: Canadian Radio-Television and Telecommunications Commission.

Table 10.7
Stock[1] and Circulation for All Reporting Public Libraries, Canada and Ontario, 1960-1980

	Stock		Circulation	
	Canada	Ontario	Canada	Ontario
		'000's		
1960	13,867	6,701	56,187	30,186
1961	14,528	7,287	60,268	33,189
1962	15,580	7,637	65,144	35,782
1963	16,609	8,133	70,418	38,640
1964	18,981	9,221	76,178	41,723
1965	20,192	9,709	78,289	42,091
1966	20,573	9,737	80,824	43,651
1967	21,635	10,464	81,789	44,441
1968	23,009	10,927	88,856	46,218
1969	..	..	..	..
1970	26,926	13,607	96,324	49,842
1971	27,647	13,700	97,337	49,324
1972	30,805	15,711	95,566	47,807
1973	33,018	16,889	99,334	48,619
1974	34,870	18,018	100,938	49,642
1975	37,795	19,434	108,044	53,108
1976	40,121	21,643	112,240	53,633
1977	42,722	22,194	114,648	53,548
1978	44,753	22,732	116,173	54,156
1979	47,770	24,290	121,545	56,683
1980	50,109	25,081	126,903	56,923

[1] Stock includes books and other materials catalogued as books, newspapers and periodical titles, audio-visual, microfilm and other non-print.

Source: SC, Education, Science and Culture Division.

Table 10.8

Circulation[1] of Selected Daily Newspapers, Ontario, 1976-1981

		1976		1977		1978	
		Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]
				Total Circulating			
Toronto	Star[3]	488,942	398,069[4]	492,254	399,606[4]	486,286	393,630[4]
	Globe and Mail[3]	259,042	190,873[9]	262,821	190,650[9]	263,079	191,697[9]
	Sun[3]	125,783	117,750[10]	143,378	132,483[10]	175,604	153,999[10]
Hamilton	Spectator	137,579	110,214	139,960	112,251	143,618	115,237
London	Free Press[5]	124,798	60,040	125,042	60,877	130,027	64,071
Ottawa	Citizen[5]	96,866	77,400	107,149	83,127	109,737	84,548
	Journal[5]	81,194	50,706	77,726	47,113	71,604	43,355
	Le Droit[5]	42,778	31,408	44,849	32,179	45,035	32,009
Windsor	Star[5]	84,004	59,791	85,953	60,931	88,362	62,305
Kitchener	Record	64,348	42,262	66,352	43,440	68,396	44,269
St. Catharines	Standard	41,043	30,293	42,223	30,875	42,694	31,259
Sudbury	Star[5]	35,062	18,413	34,337	17,859	33,072	18,306
Kingston	Whig-Standard	35,401	18,902	35,198	18,471	36,253	18,586
Thunder Bay	Times-News/ Chronicle-Journal[6]	33,232	26,030	33,529	25,629	33,612	25,685
Brantford	Expositor	28,558	18,200	29,655	18,928	30,469	19,620
Oshawa	Times	23,635	21,061	24,201	21,285	24,035	21,266
Peterborough	Examiner	24,037	15,393	24,034	15,291	23,712	15,388
Sault Ste. Marie	Star	23,292	18,411	23,292	18,411	24,185	19,010
Niagara Falls	Review	19,852	16,247	20,425	16,984	20,820	17,220
Welland	Tribune	18,262	14,159	18,692	14,950	18,826	14,885
Guelph	Mercury	17,187	13,828	16,406	13,357	17,190	13,903
Cornwall	Standard Freeholder[3]	15,226	10,390	15,601	10,632	16,116	10,973
Cambridge	Daily Reporter	13,707	12,363	13,707	12,363	13,173	11,942
Brampton	Daily Times[3]	8,427	7,168	8,005	6,790	8,219	7,627

Table 10.8 (cont'd.)

Circulation[1] of Selected Daily Newspapers, Ontario, 1976-1981

		1979		1980		1981	
		Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]	Excluding Bulk[8]	In City Zone[2]
				Total Circulating			
Toronto	Star[3]	485,084	387,380	480,961	381,420[4]	479,031	392,123[4 11]
	Globe and Mail[3]	280,034	202,266	286,983	206,312[9]	355,762[11]	. .[13]
	Sun[3]	209,381	180,765	223,592	191,201[10]	229,497[11]	204,243[10 11]
Hamilton	Spectator	144,473	116,035	148,401	119,678	147,689[11]	118,252[11]
London	Free Press[5]	130,402	64,866	129,206	65,716	126,067	64,861
Ottawa	Citizen[5]	117,859	88,984	123,986	92,143	152,132	106,960
	Journal[5]	66,559	38,972	–	–	–	–
	Le Droit[5]	46,187	32,237	46,576	32,143	44,888	30,912
Windsor	Star[5]	88,938	63,345	91,051	64,515	91,753	64,470
Kitchener	Record	69,724	44,893	70,445	45,237	70,706[11]	45,295[11]
St. Catharines	Standard	43,234	31,632	43,257	31,658	42,772[11]	31,258[11]
Sudbury	Star[5]	34,167	18,490	32,051	17,396	29,943	16,361
Kingston	Whig-Standard	36,579	18,369	35,932	18,087	35,571[11]	17,859
Tnunder Bay	Times-News/ Chronicle-Journal[6]	35,092	27,014	34,768	27,962	34,820	28,200
Brantford	Expositor	31,226	20,180	32,196	21,298	32,196	21,298
Oshawa	Times	24,009	21,247	22,119	19,638	21,987[11]	19,629[11]
Peterborough	Examiner	22,767	15,081	23,104	15,616	23,258[11]	15,737[11]
Sault Ste. Marie	Star	25,642	19,963	25,759	20,453	26,040	20,766
Niagara Falls	Review	21,258	17,619	20,920	17,369	20,712[11]	17,172[11]
Welland	Tribune	18,864	14,977	18,605	14,843	18,667[11]	14,918[11]
Guelph	Mercury	17,530	14,224	17,122	14,016	17,528	14,428
Cornwall	Standard Freeholder[3]	16,711	11,421	16,998	12,026	17,237	12,169
Cambridge	Daily Reporter	13,386	12,173	13,493	12,369	13,474	12,408
Brampton	Daily Times[3]	8,591	7,750	7,733	7,099	8,236	7,805

1) Circulation is for 12 month periods ending December 31 unless otherwise noted. It represents the daily average paid circulation.

2) City zone refers to the corporate limits of the particular urban area.

3) Circulation is for 12 month periods ending September 30.

4) In 1974, the Star stopped reporting "City Zone Circulation". These figures represent, instead, the Star's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

5) Circulation is for 12 month periods ending March 31.

6) Circulation is for 12 month periods ending June 30.

7) These figures are a total for the "Time-Journal" and "News Chronicle" before they merged.

8) Excluding bulk refers to those newspaper copies which are purchased by an agent such as an airline, restaurant, hotel etc. and distributed free to clients of the agent as a means of promoting the agents' business. It is not considered paid circulation under the Audit Bureau regulations.

9) In 1975, the Globe and Mail stopped reporting "City Zone Circulation". These figures represent, instead, the Globe and Mail's "Primary Market Area" (PMA). The PMA for the Globe and Mail is not coextensive with the CMA but rather is that area in which it gives primary advertising and editorial coverage.

10) In 1975, the Sun stopped reporting "City Zone Circulation". These figures represent, instead, the Sun's "Primary Market Area" which, in this case, is coextensive with the Census Metropolitan Area (CMA).

11) Circulation for 6 month period ending September 30.

12) Ottawa Journal ceased publication August 27, 1980.

13) The Globe and Mail no longer show a "Primary Market Area".

Source: Audit Bureau of Circulations.

Table 10.9

Selected Magazines Ranked by Circulation[1], Canada and Ontario, 1976-1981

	1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,169,458	501,392	1,208,624	502,232	1,226,781	515,165
Chatelaine (English)	969,178	450,836	992,738	457,784	1,018,931	485,404
T.V. Guide	1,006,842[r]	610,117[r]	1,056,231	637,453	1,067,632	632,206
Maclean's	653,720	297,840	653,963	294,226	660,660	299,897
Time	354,804	149,418	335,346	137,827	348,638	141,678
Legion	466,248	171,639	490,122	178,437	495,679	179,849
Chatelaine (French)	264,028	13,397	277,730	12,688	275,261	14,997
Selection du Reader's Digest (French)	268,810	7,783	298,826	9,907	302,564	9,323
T.V. Hebdo (French)	285,424	3,729	430,937	5,305	291,222	3,768
Miss Chatelaine	171,470	81,105	186,379	82,721	165,298	79,555
L'Actualité[3]	249,973	12,029	237,302	11,672	232,313	12,059
Toronto Life	53,105	52,220	63,365	62,154	69,914	68,482

Table 10.9 (cont'd.)

	1979		1980		1981	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
Reader's Digest	1,226,482	502,571	1,290,159	534,256	1,260,750	516,274
Chatelaine (English)	990,869	474,130	1,043,848	503,468	1,048,217	503,315
T.V. Guide[2]	1,055,283	572,506	992,596	548,504	951,554	502,133
Maclean's	629,631	292,488	628,314	295,278	633,512	305,945
Time	327,024	133,536	338,649	131,951	327,920	132,052
Legion	506,975	182,343	520,784	185,071	541,061[5]	191,597[5]
Chatelaine (French)	276,799	10,471	283,704	9,857	291,305	9,414
Selection du Reader's Digest (French)	305,973	9,363	311,495	9,756	299,418	9,215
T.V. Hebdo (French)	290,361	3,371	298,184	3,391	. .	. .
Flare[4]	162,315	76,071	196,115	93,479	198,814	91,331
L'Actualité[3]	236,211	11,017	239,179	10,365	238,112	9,554
Toronto Life	69,936	67,839	71,000	68,955	73,556	70,799

1) Circulation figures are based on a selected issue of the particular magazine for each year.
2) Refers to Toronto-Lake Ontario Issue. This magazine is now Canadian owned. In previous years ciculation was derived from the surplus of U.S. sales.
3) Merger of Le Maclean and L'Actualité.
4) Name changed from Miss Chatelaine in 1979.
5) 6 Months ending June 30, 1981.

Source: Audit Bureau of Circulations.

Part 2

Economic Series

Section
11

Labour

Highlights

- **Labour Force** – Participation rates by women in the labour force in 1981 were the highest they have been in the period 1953-1981 in Ontario. The rate was 55.6 per cent (of the population 15 years of age and over), up from 54.3 per cent (of the population 15 years of age and over) in 1980. The male participation rate in 1981 in Ontario was 80.5 per cent. The highest participation rate in Ontario in 1981 occurred in the 25-44 age bracket where 83.5 per cent of the population were part of the labour force.

  In 1981 of 4.5 million persons in the labour force in Ontario, 58.0 per cent were male and 42.0 per cent were female. In Canada, 59.3 per cent of 11.8 million persons in the labour force were male and 40.7 per cent were female. Of Ontario's labour force in 1981, 151,000 (consistant with 1980) were classified as being in the agricultural labour force. Of such persons, 68.2 per cent were male.

- **Employment** – From 1971 to 1981 the Ontario labour force grew from 3.2 million to 4.5 million, an increase of 39.4 per cent. In 1981, the service industry accounted for 41.0 per cent; manufacturing for 25.0 per cent; trade for 16.1 per cent; transportation and other utilities for 7.0 per cent; construction for 5.5 per cent; and primary industries 4.8 per cent.

  In 1981, average hourly earnings in manufacturing were $9.13, Sarnia had an average hourly earning in manufacturing of $12.49 while Toronto's was $8.43. Average weekly hours worked in manufacturing in Ontario in 1981 was 39.1; for Canada, the figure was 38.5 hours.

  With 1961 as the base year, the employment index for the industrial composite for Canada increased to 155.6 in 1981, to 159.2 for Ontario and to 182.0 and 176.0 for Ottawa-Hull and Toronto, respectively. In the service industries, the employment index for Canada was 301.8, for Ontario 320.7, for Ottawa-Hull 334.7 and for Toronto 340.2

  From 1980 to 1981 the employment index for the industrial composite in Ontario rose 2.1; in that period, male employment increased 2.2 per cent and female employment rose 4.1 per cent. For 1973 to 1974 the employment index for the industrial composite in Ontario had increased by 4.5. During the period 1980 to 1981, employment in the service industries (including finance and public administration) increased 5.4 per cent, while employment in the manufacturing industries increased from 1,013,000 to 1,044,000. The service industries accounted for 41.7 per cent of Ontario's 4.2 million jobs.

  In 1981, 6.6 per cent of the labour force was unemployed in Ontario. There were 295,000 unemployed persons in Ontario in 1981 (based on the annual average). Of these 34,000 or 11.5 per cent were not members of family units; of the 88.5 per cent unemployed who were members of family units, 28.4 per cent were heads of the units and 39.1 per cent were single sons or daughters.

  Of the 295,000 who were unemployed in Ontario in 1981 (based on annual averages), 20.3 per cent were classified in the processing occupations, 14.2 per cent were clerical, and 9.2 per cent were in construction.

  65.1 per cent of the unemployed in Ontario in 1981 were jobless for a period under 3 months.

- **Industrial Relations** – Of a total of 7,692 collective agreements of reporting labour organizations in Ontario in 1979, 75.8 per cent involved international unions.

  Ontario lost 2.3 million person-days during 1980 because of strikes and lockouts, an increase of 34.8 per cent from 1980. The number of employees involved was 74,731, or 308 per strike or lockout; and averaged 30.2 man-days per employee involved in a strike or lockout.

Definitions

Labour Force – The labour force is composed of that portion of the civilian non-institutional population 15 years of age and over who, during the reference week, were employed or unemployed.

Employed – Employed persons are those who, during the reference week:

(a) did any work at all

(b) had a job but were not at work due to:
- own illness or disability
- personal or family responsibilities
- bad weather
- labour dispute
- vacation
- other reason not specified above (excludes persons on layoff and persons whose job attachment was to a job to start at a definite date in the future).

Not in the Labour Force – Those persons in the civilian non-institutional population 15 years of age and over who, during the reference week were neither employed or unemployed.

Participation Rate – The participation rate represents the labour force expressed as a percentage of the population 15 years of age and over. The participation rate for a particular group (age, sex, marital status, etc.) is the labour force in that group expressed as a percentage of the population for that group.

Industrial Composite – Represents the sum of the industries included in the mail survey of the Labour Division of Statistics Canada.

Unemployment Rate – The unemployment rate represents the number of unemployed persons expressed as a per cent of the labour force. The unemployment rate for a particular group (age, sex, marital status, etc.) is the number employed in that group expressed as a per cent of the labour force for that group.

Unemployed – Unemployed persons are those who, during the reference week:

(a) were without work, had actively looked for work in the past four weeks (ending with reference week), and were available for work.

(b) had not actively looked for work in the past four weeks but had been on layoff for twenty six weeks or less and were available for work.

(c) had not actively looked for work in the past four weeks but had a new job to start in four weeks or less from reference week, and were available for work.

The Unemployed: Family Data – A family is defined as "a group of two or more persons who are living together in the same dwelling and who are related by blood, marriage or adoption". A person living alone or who is related to no one else in the dwelling where he/she lives is classified as an "unattached individual". The head of a family is determined by the respondent's perception of headship and as such is solely a statistical device which has no economic connotation.

Own Account Workers – Self-employed workers having no employees under them.

AFL-CIO – American Federation of Labor – Congress of Industrial Organizations.

CLC – Canadian Labour Congress.

CSD – La Centrale des Syndicats Democratiques.

CNTU – Confederation of National Trade Unions.

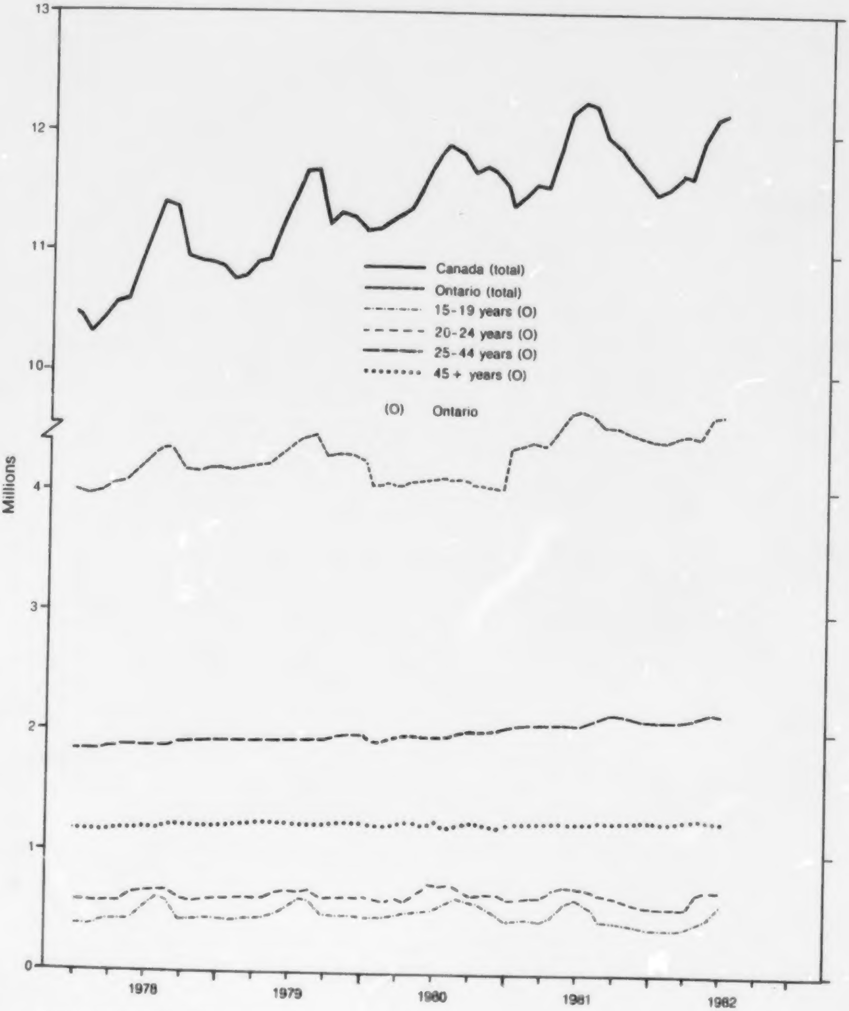
PSAC – Public Service Alliance of Canada.

International Union – A union having headquarters, executive personnel and preponderant membership in the United States.

National Union – Includes national and regional labour unions with headquarters in Canada.

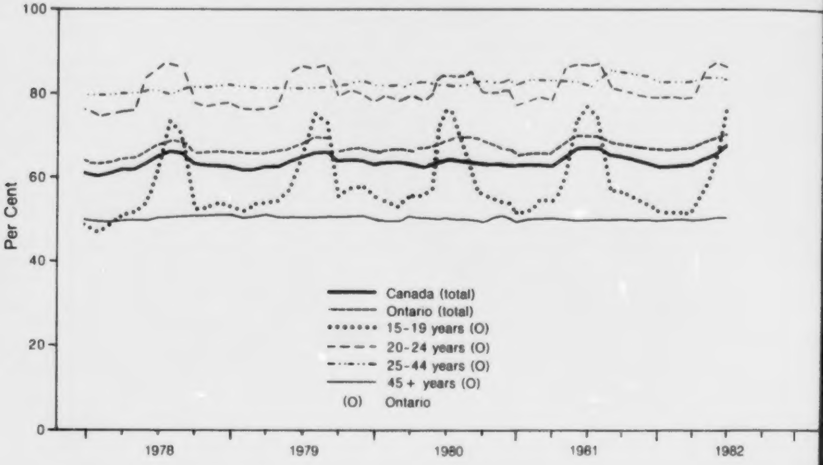
Government Employees' Organizations – Refer to federal and provincial levels of government having bargaining rights covered by legislation.

Graph 11.A
The Labour Force, Ontario, 1978-1982



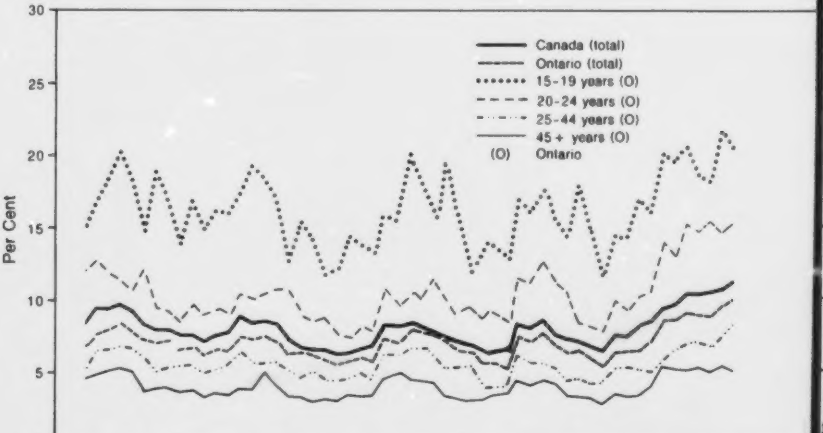
Source: SC , Labour Force Survey Division, *Labour Force*

Graph 11.B
Participation Rates of Population 15 Years of Age and Over, Canada and Ontario, 1978-1982



Source: SC, Labour Force Survey Division, *Labour Force*

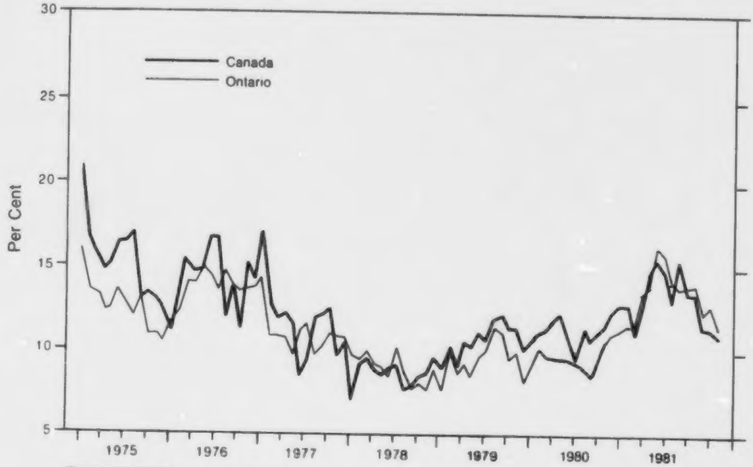
Graph 11.C
Unemployment Rates of Population 15 Years and Over, Canada and Ontario, 1978-1982



Source: SC, Labour Force Survey Division, *Labour Force*

Graph 11.D

Wages and Salaries[1], Canada and Ontario, 1975-1982[2]



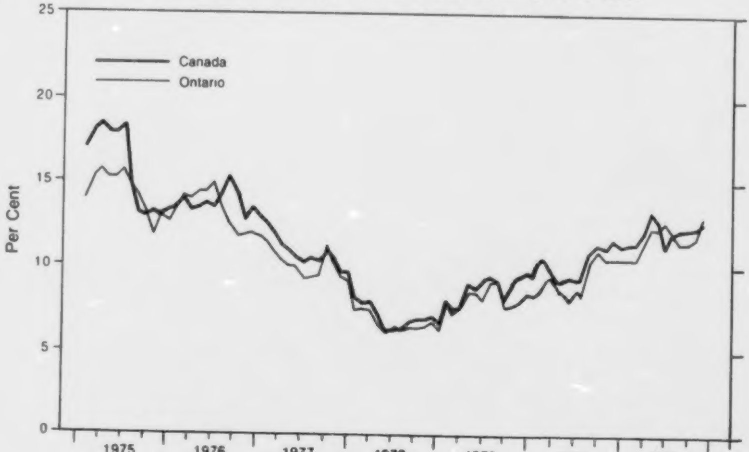
[1] Percentage change from same period year earlier

[2] Based on figures adjusted for seasonal variation

Source: SC, *The Canadian Statistical Review*

Graph 11.E

Average Hourly Earnings[1] in Manufacturing[2], Canada and Ontario, 1975-1981[3]



[1] Percentage change from same period year earlier, of hourly rated workers

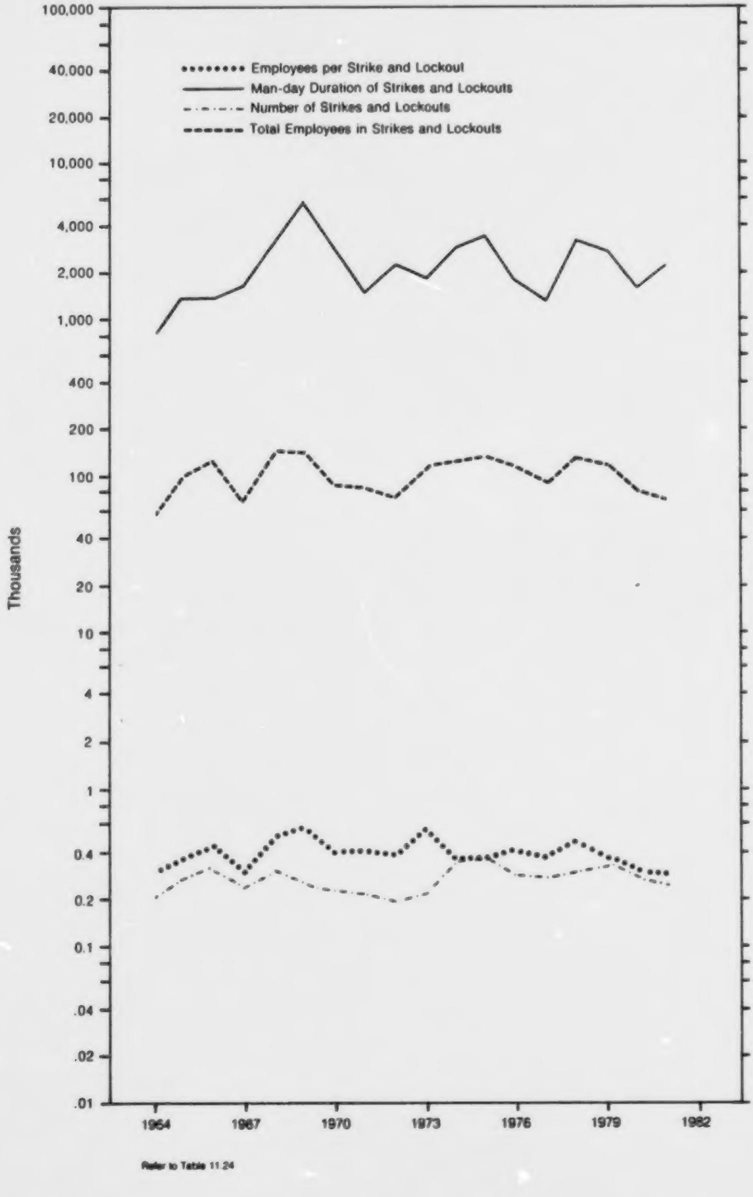
[2] These statistics are based on a mail census of "larger firms" in manufacturing. These firms are defined as those which employ 20 or more persons in any one month of the year

[3] Based on figures adjusted for Canada and unadjusted for Ontario

Source: SC, *Employment Earnings and Hours*

Graph 11.F

Strikes and Lockouts, Ontario, 1964-1981



Refer to Table 11.24

Table 11.1

Labour Force by Age Group, Ontario, 1950-1981

	14-19[1]		20-24		25-44		45-64		65 +		
	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Number	% of total	Total
	'000's		'000's		'000's		'000's		'000's		'000's
1950	175	9.6	243	13.3	812	44.5	505	27.7	91	5.0	1,826
1951	179	9.6	244	13.0	841	45.0	518	27.7	89	4.8	1,870
1952	174	9.1	242	12.7	876	45.9	526	27.6	92	4.8	1,906
1953	169	8.7	246	12.6	903	46.4	542	27.8	88	4.5	1,948
1954	177	8.8	245	12.1	946	46.8	564	27.9	89	4.4	2,022
1955	178	8.6	244	11.9	975	47.4	575	27.9	86	4.2	2,059
1956	184	8.6	250	11.6	1,014	47.2	604	28.1	95	4.4	2,147
1957	187	8.4	256	11.4	1,062	47.5	635	28.4	98	4.4	2,238
1958	178	7.9	261	11.5	1,079	47.7	653	28.8	93	4.1	2,264
1959	190	8.3	256	11.1	1,095	47.6	669	29.1	92	4.0	2,301
1960	201	8.5	259	10.9	1,124	47.3	701	29.5	92	3.9	2,377
1961	193	8.0	263	11.0	1,128	47.0	725	30.2	91	3.8	2,401
1962	202	8.3	260	10.7	1,128	46.6	741	30.6	91	3.8	2,422
1963	223	9.0	268	10.8	1,135	45.8	764	30.9	86	3.5	2,476
1964	231	9.0	284	11.1	1,158	45.3	788	30.8	94	3.7	2,556
1965	240	9.2	298	11.4	1,174	44.9	814	31.1	90	3.4	2,614
1966	241	8.8	343	12.6	1,222	44.8	834	30.5'	90	3.3	2,729
1967	249	8.8	375	13.3'	1,256	44.4	866	30.6	84'	3.0	2,831
1968	257	8.8	403	13.8	1,280	43.9	890'	30.5	87	3.0	2,917
1969	257	8.5	429	14.3'	1,329'	44.1	912'	30.3	85	2.8	3,011
1970	276	8.9	450	14.5	1,356	43.7	944	30.4	81	2.6	3,106
1971	296	9.2	475	14.8	1,404	43.7	963	29.9	77	2.4	3,215
1972	318	9.5'	490	14.7	1,487	44.1	981	29.5	72	2.2	3,329
1973	347	10.1	497	14.4	1,518	44.1	1,015	29.5	69	2.0	3,445
1974	378	10.5	528	14.7	1,590	44.3	1,031	28.7	66	1.8	3,592
1975	425	11.1	550	14.4	1,707	44.7	1,056	27.7	78	2.1'	3,818
1976	416	10.7	567	14.6	1,746	44.9	1,085	27.9	71	1.8	3,885
1977	430	10.8	595	14.9	1,796	45.0	1,102	27.6	69	1.7	3,994
1978	457	11.0	613	14.8	1,880	45.3	1,125	27.1	72	1.7	4,147
1979	487	11.4	634	14.8	1,939	45.2	1,155	26.9	74	1.7	4,289
1980	484	11.1	651	14.9	2,004	45.9	1,155	26.5	73	1.7	4,366
1981	479	10.7	666	14.9	2,083	46.5	1,174	26.2	80	1.8	4,481

1) For 1966 onward the age bracket is 15–19 years.

Source: SC, *The Labour Force*, (71-001).

Table 11.2
Summary Labour Force Characteristics by Province, Canada, 1974-1981

			Employed						
			All classes of workers			Paid workers			
	Participation rates	Labour force	Total	Agriculture	Non-agriculture	Total	Non-agriculture	Unemployed	Unemployment rates
	per cent				'000's				per cent
					Annual Averages				
Canada									
1974	59.4	9,462	8,951	452	8,499	7,941	7,849	510	5.4
1975	61.1	9,974	9,284	483	8,802	8,375	8,238	690	6.9
1976	61.1	10,206	9,479	472	9,008	8,545	8,403	727	7.1
1977	61.5	10,498	9,648	464	9,184	8,678	8,535	850	8.1
1978	62.6	10,882	9,972	473	9,498	8,935	8,803	911	8.4
1979	63.3	11,207	10,369	483	9,886	9,298	9,156	838	7.5
1980	64.0	11,522	10,655	477	10,178	9,604	9,449	867	7.5
1981	64.7	11,830	10,933	484	10,449	9,867	9,717	898	7.6
Ontario									
1974	61.8	3,592	3,443	114	3,329	3,127	3,097	149	4.2
1975	64.1	3,818	3,576	117	3,459	3,278	3,232	242	6.3
1976	63.9	3,885	3,645	113	3,533	3,343	3,299	240	6.2
1977	64.3	3,994	3,714	127	3,588	3,379	3,329	280	7.0
1978	65.5	4,147	3,847	131	3,716	3,485	3,442	300	7.2
1979	66.6	4,289	4,008	146	3,862	3,637	3,586	280	6.5
1980	66.8	4,366	4,066	144	3,923	3,705	3,647	300	6.9
1981	67.7	4,481	4,186	142	4,044	3,825	3,768	295	6.6
Newfoundland									
1974	49.9	173	147	--	146	132	132	27	15.3
1975	49.4	176	152	--	150	138	136	25	14.0
1976	49.4	182	157	--	156	141	140	24	13.4
1977	50.7	191	161	--	160	146	145	30	15.6
1978	51.7	198	166	--	165	149	149	33	16.4
1979	52.7	207	175	--	174	154	153	32	15.4
1980	53.1	213	184	--	184	164	163	29	13.5
1981	53.1	218	187	--	186	166	165	31	14.1
Prince Edward Island									
1974	53.5	42	39	6	33	31	29	--	6.6′
1975	56.5	46	42	7	35	33	31	4	8.0
1976	56.7	47	42	6	37	35	33	4	9.6
1977	57.0	48	44	6	38	36	33	5	9.9
1978	57.8	50	45	5	40	37	35	5	9.9
1979	59.3	53	47	6	41	37	35	6	11.3
1980	59.5	54	48	6	42	38	36	6	10.8
1981	59.1	54	48	6	41	39	36	6	11.4
Nova Scotia									
1974	53.2	298	279	8	270	251	248	19	6.5
1975	55.3	317	292	8	284	264	259	24	7.7
1976	55.2	323	292	8	284	265	261	31	9.5
1977	55.2	329	294	7	287	264	260	35	10.6
1978	56.4	342	306	7	299	276	272	36	10.6
1979	56.9	352	316	7	309	286	282	36	10.2
1980	57.9	363	328	7	320	294	290	36	9.8
1981	57.8	367	330	7	322	300	296	37	10.2
New Brunswick									
1974	53.2	238	217	6	212	197	195	21	8.7
1975	53.8	248	224	6	218	203	201	24	9.8
1976	53.6	254	226	6	220	205	202	28	11.0
1977	53.7	261	226	5	221	207	205	35	13.2
1978	55.0	273	238	4	234	220	218	34	12.6
1979	55.3	280	249	6	243	227	224	31	11.1
1980	56.0	289	257	6	250	234	231	32	11.1
1981	56.7	296	262	6	255	238	235	35	11.7

Table 11.2 (cont'd.)

Summary Labour Force Characteristics, by Province, Canada, 1974-1981

			Employed						
			All classes of workers			Paid Workers			
	Participation rates	Labour force	Total	Agriculture	Non-agriculture	Total	Non-agriculture	Unemployed	Unemployment rates
	per cent			'000's					per cent
				Annual Averages					
Quebec									
1974	58.0	2,571	2,385	81	2,304	2,143	2,129	186	7.2
1975	58.5	2,647	2,434	70	2,364	2,262	2,244	214	8.1
1976	58.3	2,689	2,456	74	2,383	2,267	2,244	233	8.7
1977	58.9	2,756	2,473	71	2,401	2,267	2,246	284	10.3
1978	59.7	2,827	2,520	72	2,448	2,301	2,280	307	10.9
1979	60.1	2,878	2,602	68	2,534	2,373	2,351	277	9.6
1980	61.0	2,959	2,667	78	2,590	2,435	2,408	292	9.9
1981	61.2	2,996	2,685	77	2,608	2,447	2,425	311	10.4
Manitoba									
1974	59.7	422	409	41	369	348	341	13	3.1
1975	60.9	437	417	41	376	361	353	20	4.5
1976	61.2	447	426	38	388	370	362	21	4.7
1977	61.7	456	429	42	387	374	363	27	5.9
1978	63.1	471	440	44	397	379	368	31	6.5
1979	63.7	478	453	46	407	389	378	26	5.4
1980	64.6	486	459	44	415	395	385	27	5.5
1981	65.0	492	462	43	420	402	392	29	6.0
Saskatchewan									
1974	56.2	350	341	84	256	239	231	9	2.7
1975	59.2	376	365	106	260	258	239	11	2.9
1976	60.5	394	378	93	285	279	263	15	3.9
1977	61.5	410	392	98	294	288	270	18	4.5
1978	61.9	421	400	101	299	291	274	21	4.9
1979	62.6	433	415	99	316	307	290	18	4.2
1980	62.9	443	423	88	335	324	307	19	4.4
1981	63.5	453	432	88	344	334	318	21	4.6
Alberta									
1974	63.1	750	731	92	638	600	584	20	2.6
1975	66.1	822	788	111	678	665	637	34	4.1
1976	66.9	871	837	116	721	707	673	34	4.0
1977	67.0	909	868	86	782	761	735	41	4.5
1978	68.2	960	915	84	832	802	783	45	4.7
1979	69.4	1015	976	83	893	854	833	39	3.9
1980	70.3	1,072	1,032	82	949	915	893	40	3.7
1981	71.6	1,136	1,093	87	1,006	974	952	43	3.8
British Columbia									
1974	59.4	1,024	961	19	942	872	864	63	6.1
1975	61.1	1,087	995	16	979	914	905	92	8.5
1976	61.3	1,116	1,020	18	1,002	934	925	96	8.6
1977	61.5	1,144	1,047	21	1,026	958	948	97	8.5
1978	62.6	1,192	1,093	25	1,068	995	983	98	8.3
1979	62.7	1,223	1,129	22	1,107	1,036	1,022	94	7.7
1980	63.7	1,278	1,191	21	1,169	1,100	1,089	87	6.8
1981	64.7	1,337	1,247	26	1,222	1,142	1,129	90	6.7

Source: SC, *The Labour Force*, (71-001).

Table 11.3

Employment as a Percentage of Population 14 Years of Age and Over[1], Canada and Ontario, 1953-1981

	Canada	Ontario
1953	51.5	54.1
1954	50.5	53.8
1955	50.6	54.0
1956	51.7	55.6
1957	51.5	55.3
1958	50.1	53.4
1959	50.6	53.7
1960	50.4	53.9
1961	50.2	53.5
1962	50.7	53.8
1963	50.9	54.4
1964	51.6	55.1
1965	52.3	55.3
1966	54.4	57.1
1967	54.5	57.1
1968	54.0	56.9
1969	54.3	57.4
1970	53.5	56.6
1971	53.5	56.3
1972	53.9	57.3
1973	55.4	58.4
1974	56.2	59.2
1975	56.9	60.1
1976	56.7	59.9
1977	56.6	59.8
1978	57.4	60.7
1979	58.6	62.2
1980	59.2	62.2
1981	59.8	63.3

1) Excludes inmates of institutions, members of the armed services, Indians living on reserves and residents of the Yukon and Northwest Territories. For 1966 onward, the figures relate to 15 years of age and over.

Source: SC, *The Labour Force*, (71-001).

Table 11.4

Participation Rates by Sex, Canada and Ontario, 1953-1981

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			Per cent			
1953	53.1	55.2	82.9	85.2	23.4	25.9
1954	52.9	55.9	82.2	85.2	23.7	27.1
1955	52.9	55.7	82.1	84.5	23.9	27.5
1956	53.5	56.9	82.2	85.0	24.9	29.4
1957	54.0	57.2	82.3	84.8	25.8	30.1
1958	53.9	56.4	81.7	84.3	26.2	29.1
1959	53.8	56.2	81.0	83.6	26.7	29.6
1960	54.2	57.0	80.7	83.2	27.9	31.4
1961	54.1	56.7	79.8	82.1	28.7	31.9
1962	53.9	56.3	79.1	81.4	29.0	31.9
1963	53.8	56.5	78.5	81.2	29.6	32.5
1964	54.1	57.0	78.1	80.6	30.5	34.0
1965	54.4	56.7	77.9	80.0	31.3	34.1
1966	56.4	58.6	79.9	81.9	33.6	36.1
1967	56.8	58.9	79.6	81.4	34.6	37.2
1968	56.8	59.0	79.0	81.1	35.2	37.7
1969	57.0	59.2	78.6	80.7	36.0	38.6
1970	56.9	59.2	78.2	80.2	36.2	38.9
1971	57.2	59.5	77.8	79.5	37.1	40.2
1972	57.6	60.2	77.9	80.0	37.8	41.2
1973	58.7	60.9	78.5	80.0	39.4	42.5
1974	59.4	61.8	79.0	80.3	40.5	44.0
1975	61.1	64.1	78.4	80.3	44.4	48.6
1976	61.1	63.9	77.6	79.3	45.2	49.0
1977	61.5	64.3	77.6	79.4	46.0	49.8
1978	62.6	65.5	77.9	80.1	47.8	51.5
1979	63.3	66.6	78.4	80.6	48.9	53.3
1980	64.0	66.8	78.3	79.9	50.3	54.3
1981	64.7	67.7	78.3	80.5	51.6	55.6

Source: SC, *The Labour Force*, (71-001).

Table 11.5

Participation Rates by Age Group, Ontario, 1956-1981

	Total	14-19[1]	20-24	25-44	45-64	65 +
			Per cent			
1956	56.9	44.4	71.8	64.4	60.5	21.6
1957	57.2	42.9	70.7	65.0	61.8	21.8
1958	56.4	38.9	70.7	64.5	61.8	20.4
1959	56.2	39.1	69.0	64.9	61.9	19.7
1960	57.0	39.3	69.4	66.0	63.3	19.4
1961	56.7	36.0	69.9	66.0	64.0	18.8
1962	56.3	35.4	68.8	66.1	64.1	18.5
1963	56.5	36.6	69.6	66.5	64.8	17.1
1964	57.0	35.4	70.8	67.4	65.4	18.4
1965	56.7	34.7	70.3	67.5	65.8	17.3
1966	58.6	40.9	71.8	68.4′	65.8	16.7
1967	58.9	41.0	71.7	69.0	66.3	15.4′
1968	59.0	41.1	71.8	69.3	66.2	15.4
1969	59.2	39.6	72.2	70.6′	65.9′	14.7
1970	59.2	40.5′	71.2	70.6′	66.3	13.7′
1971	59.5	41.9	71.8	71.5	65.9	12.6
1972	60.2	43.7	73.9	72.6	65.7	11.6
1973	60.9	46.5	73.8	73.2	66.5	10.7
1974	61.8	49.4	75.7	74.2	66.1	10.1
1975	64.1	54.4	76.4	77.7	66.5	11.8
1976	63.9	52.1	77.0	77.8	67.0	10.4
1977	64.3	52.9	78.8	78.4	67.2	9.7
1978	65.5	55.5	79.3	80.3	67.7	9.8
1979	66.6	59.0	80.5	81.1	68.9	9.8
1980	66.8	59.1	81.3	82.0	68.3	9.3
1981	67.7	60.1	81.8	83.5	68.8	9.9

[1] For 1966 onward, the age bracket is 15–19.

Source: SC, *The Labour Force*, (71-001).

Table 11.6

Persons In and Not In the Labour Force by Sex, Canada and Ontario, 1950-1981

	In the Labour Force				Not in Labour Force			
	Canada		Ontario		Canada		Ontario	
	Male	Female	Male	Female	Male	Female	Male	Female
	Annual Averages ('000's)							
1950	4,050^{r}	1,112^{r}	1,395	430	772^{r}	3,681^{r}	234	1,234
1951	4,076^{r}	1,147^{r}	1,426	444	781^{r}	3,728^{r}	229	1,252
1952	4,144^{r}	1,180^{r}	1,454	454	827^{r}	3,805^{r}	248	1,285
1953	4,206	1,191	1,487	461	869	3,898	258	1,320
1954	4,263	1,231	1,526	496	925	3,973	265	1,331
1955	4,341	1,269	1,545	514	949	4,038	283	1,353
1956	4,437	1,346	1,587	560	961	4,064	280	1,346
1957	4,573	1,435	1,644	594	986	4,129	294	1,379
1958	4,641	1,496	1,674	589	1,044	4,207	312	1,437
1959	4,687	1,554	1,690	612	1,098	4,266	333	1,457
1960	4,754	1,657	1,714	663	1,136	4,285	345	1,448
1961	4,782	1,739	1,717	684	1,209	4,322	374	1,463
1962	4,819	1,797	1,725	697	1,276	4,389	396	1,486
1963	4,879	1,870	1,751	724	1,337	4,451	406	1,500
1964	4,961	1,972	1,780	776	1,390	4,494	428	1,503
1965	5,065	2,076	1,817	798	1,440	4,547	453	1,543
1966	5,159	2,226	1,872	857	1,294	4,404	413	1,518
1967	5,277	2,358	1,920	911	1,356	4,453	439	1,535
1968	5,377	2,460	1,966	951	1,431	4,537	459	1,568
1969	5,487	2,581	2,012	999	1,496	4,598	482	1,591
1970	5,600	2,665	2,067	1,040	1,562	4,701	509	1,634
1971	5,701	2,800	2,109	1,106	1,628	4,744	544	1,646
1972	5,827	2,916	2,169	1,160	1,652	4,791	543	1,657
1973	5,997	3,110	2,219	1,226	1,645	4,775	555	1,659
1974	6,165	3,276	2,288	1,304	1,649	4,814	561	1,662
1975	6,294	3,680	2,342	1,476	1,732	4,617	573	1,563
1976	6,369	3,837	2,361	1,524	1,840	4,660	615	1,584
1977	6,505	3,994	2,412	1,581	1,873	4,686	624	1,592
1978	6,650	4,232	2,480	1,667	1,881	4,618	616	1,571
1979	6,799	4,408	2,533	1,756	1,877	4,607	611	1,540
1980	6,909	4,613	2,548	1,818	1,917	4,566	640	1,528
1981	7,019	4,811	2,596	1,883	1,946	4,518	629	1,506

Source: SC, *The Labour Force*, (71-001).

Table 11.7

Agricultural and Non-Agricultural Labour Force by Sex and by Age Group, Canada and Ontario, 1970-1981

Labour Force	1970		1971		1972		1973	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	8,265	3,106	8,501	3,215	8,743	3,329	9,107	3,445
Agricultural	504	130	504	132	472	114	456	119
Non-agricultural	7,701	2,957	7,925	3,055	8,210	3,194	8,598	3,310
Never worked	61	20	72	27	61	21	52	16
Male	5,600	2,067	5,701	2,109	5,827	2,169	5,997	2,219
Agricultural	436	109	434	110	398	93	387	99
Non-agricultural	5,128	1,947	5,226	1,983	5,394	2,064	5,581	2,112
Never worked	35	11	41	16	34	12	28	8
Female	2,665	1,040	2,800	1,106	2,916	1,160	3,110	1,226
Agricultural	67	21	70	23	74	21	69	20
Non-agricultural	2,572	1,010	2,698	1,072	2,815	1,131	3,017	1,198
Never worked	26	9	31	12	27	9		8
All ages	8,265	3,106	8,501	3,215	8,743	3,329	9,107	3,445
15-19 years	791	276	831	296	895	318	977	347
20-24 years	1,268	450	1,322	475	1,348	490	1,405	497
25-44 years	3,550	1,356	3,653	1,404	3,798	1,467	3,951	1,518
45-64 years	2,446	944	2,498	963	2,519	981	2,590	1,015
65 years and over	210	81	197	77	183	72	183	69

Table 11.7 (cont'd.)

	1974		1975		1976		1977	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	9,462	3,592	9,974	3,818	10,206	3,885	10,498	3,994
Agricultural	462	116	497	124	489	118	482	133
Non-agricultural	8,953	3,460	9,383	3,664	9,665	3,747	9,954	3,839
Never worked	46	16	94	30	53	20	62	22
Male	6,185	2,288	6,294	2,342	6,369	2,361	6,505	2,412
Agricultural	387	94	384	90	367	86	359	95
Non-agricultural	5,775	2,186	5,870	2,240	5,986	2,269	6,124	2,311
Never worked	24	8	41	12	17	6	21	7
Female	3,276	1,304	3,680	1,476	3,837	1,524	3,994	1,581
Agricultural	75	22	113	33	122	33	122	39
Non-agricultural	3,179	1,274	3,513	1,424	3,679	1,477	3,830	1,528
Never worked	22	9	53	18	36	13	41	15
All ages	9,462	3,592	9,974	3,818	10,206	3,885	10,498	3,994
15-19 years	1,056	378	1,153	425	1,145	416	1,169	430
20-24 years	1,470	528	1,548	550	1,597	567	1,655	595
25-44 years	4,137	1,590	4,396	1,707	4,560	1,746	4,727	1,798
45-64 years	2,616	1,031	2,678	1,058	2,728	1,085	2,767	1,102
65 years and over	182	66	199	78	176	71	180	69

Table 11.7 (cont'd.)

Agricultural and Non-Agricultural Labour Force by Sex and Age Group, Canada and Ontario, 1970-1981

	1978		1979		1980		1981	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	Annual Averages ('000's)							
Total	10,882	4,147	11,207	4,289	11,522	4,366	11,830	4,481
Agricultural	494	138	504	154	498	151	507	151
Non-agricultural	10,317	3,980	10,630	4,107	10,955	4,190	11,248	4,304
Never worked	72	29	73	28	68	25	75	26
Male	6,650	2,480	6,799	2,533	6,909	2,548	7,019	2,598
Agricultural	366	97	375	108	365	102	367	103
Non-agricultural	6,259	2,374	6,401	2,417	6,521	2,438	6,627	2,487
Never worked	25	9	24	8	23	9	25	8
Female	4,232	1,667	4,408	1,756	4,613	1,818	4,811	1,883
Agricultural	127	42	129	46	133	49	140	48
Non-agricultural	4,058	1,606	4,230	1,690	4,434	1,752	4,622	1,817
Never worked	47	19	50	20	45	17	50	18
All ages	10,882	4,147	11,207	4,289	11,522	4,366	11,830	4,481
15-19 years	1,200	457	1,259	487	1,268	484	1,246	479
20-24 years	1,715	613	1,766	634	1,815	651	1,849	666
25-44 years	4,955	1,880	5,130	1,939	5,349	2,004	5,614	2,083
45-64 years	2,827	1,125	2,865	1,155	2,900	1,155	2,933	1,174
65 years and over	184	72	187	74	189	73	189	80

Source: SC, *The Labour Force*, (71-001).

Table 11.8

Non-Agricultural Labour Force, by Region, Canada, 1965-1981

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
	Annual averages ('000's)					
1965	6,540	2,461	577	1,903	955	644
1966	6,824	2,582	573	1,997	993	679
1967	7,055	2,676	586	2,061	1,012	721
1968	7,262	2,763	596	2,079	1,075	748
1969	7,498	2,864	607	2,144	1,093	790
1970	7,701	2,957	611	2,168	1,135	830
1971	7,925	3,055	633	2,235	1,149	853
1972	8,210	3,194	659	2,272	1,191	894
1973	8,598	3,310	697	2,394	1,253	944
1974	8,953	3,460	725	2,471	1,300	998
1975	9,383	3,664	752	2,542	1,368	1,058
1976	9,665	3,747	778	2,595	1,456	1,090
1977	9,954	3,839	801	2,660	1,539	1,115
1978	10,317	3,980	837	2,728	1,614	1,158
1979	10,630	4,107	862	2,780	1,690	1,192
1980	10,955	4,190	889	2,851	1,778	1,248
1981	11,248	4,304	904	2,884	1,854	1,302

Source: SC, *The Labour Force*, (71-001).

Table 11.9

Labour Force and Employed by Industry, Ontario, 1971-1981

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
					Annual Averages ('000's)						
Labour Force											
All Industries	3,215	3,329	3,445	3,592	3,818	3,885	3,994	4,147	4,289	4,366	4,481
Primary Industries	193	174	173	169	176	179	193	195	203	216	216
Manufacturing	874	907	943	968	939	966	972	1,007	1,072	1,093	1,121
Construction	215	208	224	240	252	255	258	261	257	256	246
Transportation and other utilities	238	249	260	262	266	284	288	302	308	319	313
Trade	500	540	558	595	653	647	662	700	725	709	720
Service (including finance) Public Administration	1,167	1,229	1,271	1,342	1,502	1,534	1,599	1,654	1,695′	1,749	1,839
Never worked	27	21	16	16	30	20	22	29	28	25	26
Employed											
All Industries	3,045	3,168	3,305	3,443	3,576	3,645	3,714	3,847	4,008	4,066	4,186
Primary industries	186	169	166	165	168	170	182′	183	191	204	202
Manufacturing	830	868	910	928	877	910	907	943	1,011	1,013	1,044
Construction	189	185	203	219	224	230	226	226	227	223	217
Transportation and other utilities	229	239	251	253	254	271	273	286	294	305	300
Trade	478	520	540	575	618	610	618	654	684	666	678
Service (including finance) and Public Administration	1,133	1,187	1,234	1,303	1,435	1,454	1,508	1,554	1,601′	1,656	1,745

Source: SC, *The Labour Force*, (71-001).

Table 11.10

Average Weekly Hours Worked in Manufacturing, by Region, Canada, 1971-1981

	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia
1971	39.7	39.8	39.6	40.3	38.9	37.2
1972	40.0	40.2	39.8	40.6	38.8	37.6
1973	39.6	40.0	39.6	40.1	38.5	37.3
1974	38.8	39.2	38.2	39.6	37.6	36.4
1975	38.6	38.9	38.2	39.1	37.3	36.1
1976	38.7	39.3	37.9	38.9	37.3	36.5
1977	38.7	39.3	37.9	38.9	37.2	36.2
1978	38.8	39.3	38.1	39.1	37.6	36.4
1979	38.8	39.4	38.2	38.9	37.6	36.3
1980	38.5	39.0	38.0	38.9	37.7	36.2
1981^{p}	38.5	39.1	37.7	38.8	37.9	35.5
			Seasonally Adjusted Monthly Data[1]			
1979						
January	39.1^{r}	39.9	38.0^{r}	39.1	37.5	36.6
February	38.9^{r}	39.4	38.1	39.2	37.1	36.3
March	39.0	39.7	38.9^{r}	39.1	37.2	36.7
April	38.9	39.5	38.1^{r}	39.0	37.5	36.3
May	39.0^{r}	39.7	38.4^{r}	39.3	37.7	36.7
June	38.8	39.5	38.3	39.2	37.4	36.0
July	38.9	39.7	38.9^{r}	38.9	37.9	36.2
August	38.7	39.0	38.3^{r}	38.9	37.8	36.6
September	38.8	39.5	37.8^{r}	38.9	37.7	36.7
October	38.7	39.2	38.0^{r}	38.8	37.7	36.3
November	38.7	39.3	37.8	38.5	37.9	36.4
December	38.3^{r}	38.9	37.9^{r}	38.4	37.5	34.2
1980						
January	39.0	39.6	38.1	39.3	37.9	36.5
February	38.7	39.2	38.4	38.9	37.8	36.2
March	38.8	39.1	39.3	39.0	37.8	36.8
April	38.4	38.8	37.3	38.8	37.5	36.2
May	38.5	38.9	38.5	39.0	37.5	36.0
June	38.2	38.4	38.6	38.8	37.7	36.1
July	37.9	38.4	37.5	38.5	37.4	36.0
August	38.2	38.8	37.5	38.5	37.5	35.9
September	38.6	39.1	37.5	38.8	37.7	36.6
October	38.8	39.4	37.8	38.9	37.8	36.4
November	38.6	39.2	37.6	38.8	37.8	35.8
December	38.7	39.1	37.6	39.2	37.5	36.3
1981						
January	38.9	39.6	38.7	39.0	37.9	36.2
February	38.7	39.0	38.2	38.9	38.0	36.2
March	38.6	39.2	37.6	38.7	37.9	36.2
April	38.8	39.5	38.2	38.8	37.9	36.3
May	39.0	39.6	38.0	39.2	38.2	36.1
June	38.9	39.4	38.0	39.2	38.1	36.1
July	38.9	39.4	37.1	39.0	38.1	36.8
August	38.4	39.2	36.7	38.8	37.8	32.8
September	38.1	38.6	36.8	38.6	37.6	35.5
October	38.5	39.2	37.8	38.5	37.8	35.8
November	38.0	38.4	37.7	38.5	37.6	35.2
December^{p}	37.7	38.4	37.3	38.5	38.2	32.6

1) Average hours in manufacturing adjusted by Statistics Canada.

Source: SC, *Employment, Earnings and Hours*.

Table 11.11

Average Weekly Hours Worked and Average Hourly Earnings in Manufacturing, by Selected Urban Area[1], Ontario, 1977-1981

	Average Weekly Hours Worked in Manufacturing					Average Hourly Earnings in Manufacturing				
	1977	1978	1979	1980	1981^p	1977	1978	1979	1980	1981^p
							$			
Ontario	39.3	39.3	39.4	39.0	39.1	6.47	6.91	7.48	8.17	9.13
Toronto (metro)	39.3	39.3	39.4	38.9	39.1	6.02	6.37	6.95	7.59	8.43
Hamilton (metro)	38.8	39.2	39.7	39.4	39.5	7.13	7.71	8.34	9.08	10.15
Ottawa	38.5	38.7	38.6	39.0	39.0	6.47	7.06	7.70	8.40	9.47
London (metro)	38.7	39.1	39.0	38.5	39.3	6.18	6.80	7.56	8.36	9.25
Windsor (metro)	40.9	40.7	40.1	39.2	40.3	7.92	8.47	8.81	10.11	10.94
Kitchener (metro)	38.6	38.8	38.8	38.3	38.8	5.82	6.26	6.73	7.34	8.14
St. Catharines	42.6	43.0	42.0	39.1	41.8	7.85	8.60	9.33	10.05	11.55
Thunder Bay (metro)	38.7	38.8	39.1	38.6	39.0	8.00	8.44	9.15	9.85	11.32
Oshawa	41.6	40.4	40.6	40.6	40.0	7.53	8.16	8.89	9.93	11.10
Niagara Falls	39.8	39.7	39.9	39.0	39.8	6.29	6.79	7.50	8.00	9.04
Brantford	38.8	38.1	38.8	38.0	38.5	6.42	7.02	7.76	8.12	9.11
Guelph	38.8	38.8	39.2	38.7	39.2	6.00	6.43	7.00	7.66	8.68
Kingston	40.0	39.9	39.5	39.4	40.3	6.73	7.18	7.80	8.56	9.79
Peterborough	39.0	39.6	40.0	39.6	39.9	6.54	6.87	7.46	8.29	9.19
Sarnia	39.2	39.8	40.3	41.0	40.1	8.52	8.97	9.87	11.07	12.49
Cornwall	39.0	39.4	39.2	38.7	38.1	6.48	6.97	7.52	7.73	8.77
Welland	40.4	40.3	40.9	40.4	40.5	7.16	7.62	8.56	9.38	10.59
Brampton	38.5	39.4	39.6	39.2	39.4	6.22	6.63	7.18	7.87	8.88

[1] Urban areas may also include satellite communities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.12
Labour Force and Employed by Occupation, Ontario, 1978-1981

	Labour Force				Employed			
	1978	1979	1980	1981	1978	1979	1980	1981
	Annual Averages ('000's)							
All Occupations	4,147	4,289	4,366	4,481	3,847	4,008	4,066	4,186
Managerial, Administrative[1]	907	930	957	1,022	874	902	933	995
Clerical	760	766	784	813	707	724	741	771
Sales	424	440	440	442	402	419	419	422
Service	539	559	572	604	491	513	524	555
Primary[2]	182	197	209	203	168	184	192	187
Processing etc.[3]	721	786	785	780	674	733	717	720
Construction	258	256	257	250	227	229	227	223
Transport	157	156	160	153	146	147	149	143
Material Handling and other Crafts	171	170	177	188	157	157	164	171
Never worked[4]	29	28	25	26	...	...	...	...

1) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

2) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

3) Includes processing, machining and product fabricating, assembling and repairing.

4) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, *The Labour Force*, (71-001).

Table Table 11.13
Employment Index Numbers, Industrial Composite, by Selected Urban Area[1], Ontario, 1975-1981

	1975	1976	1977	1978	1979	1980	1981[p]
Ontario	144.2	147.1	148.0	151.2	155.3	155.8	159.2
Toronto (metro)	152.4	154.9[r]	155.9	160.6	166.6	170.4	176.0
Hamilton	134.1	134.3	132.9	134.1	139.3	141.0	136.9
Ottawa-Hull	167.1	170.8	173.1	179.6[r]	180.6	178.6	182.0
London	132.9	134.7	134.7	143.9[r]	146.4	145.9	149.6
Windsor	148.1	163.0	172.0	175.1	167.9	142.3	148.4
Kitchener	170.0	174.1	169.3	173.7	176.3	169.3	174.0
St. Catharines	136.1	142.2	142.8	145.9[r]	149.1	139.8	144.2
Thunder Bay	138.9	151.1	156.9	155.6	156.7	153.5	156.6
Oshawa	140.5	149.4	155.6	164.0	164.7	157.4	140.7
Sudbury	113.9	117.1	113.9	89.3	84.1	104.2	100.7
Sault Ste. Marie	137.2	136.3	136.2	141.5[r]	144.7	148.8	155.2
Niagara Falls	125.7	122.4	126.0	129.9	133.3	136.9	138.3
Brantford	153.2	152.5	154.8	162.0	168.6	157.6	158.1
Guelph	156.4	160.7	159.8	162.1	172.7	176.4	175.5
Kingston	138.3	139.5	137.4	140.4[r]	144.1	139.6	142.2
Peterborough	147.6	140.6	132.5	136.0	147.5	151.0	147.8
Sarnia	146.2	153.1	161.3	160.5[r]	150.6	151.1	162.5
North Bay	132.6	131.9	141.6	148.6	150.9	159.2	167.4
Cornwall	118.6	120.9	124.9	126.7	134.1	132.6	129.2
Welland	107.1	107.3	103.5	105.3	109.3	104.7	111.9
Brampton	353.2	362.2	357.0	325.9	335.9	345.8	370.0

1) Urban areas represent incorporated municipalities.

Source: SC, *Employment, Earnings and Hours*.

Table 11.14

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1966-1981

	1966	1967	1968	1969	1970	1971	1972	1973
	Annual Averages (1961 = 100)							
Industrial Composite								
Canada	121.2	122.6	122.7	126.9	127.1	127.8	129.9	135.9
Ontario	123.3	125.1	126.1	131.0	131.6	132.1	134.2	141.2
Toronto	123.6	126.0	128.2	134.3	135.1	135.5	139.0	147.2
Hamilton	123.7	120.8	119.8	121.2	124.0	123.6	123.9	129.8
Kingston	125.2	121.7	123.0	128.3	125.6	122.5	124.2	130.0
London	124.0	124.3	121.3	125.2	124.4	123.8	128.3	132.4
Ottawa-Hull	117.4	123.5	128.6	137.7	140.6	143.1	146.8	156.9
Thunder Bay	126.1	126.9	119.6	124.2	125.6	135.5	137.5	137.9
Windsor	149.3	149.3	149.6	152.7	149.9	150.0	153.4	160.4
Forestry								
Canada	106.2	102.3	91.1	88.7	84.2	79.4	76.3	86.4
Ontario	106.0	102.9	90.0	90.7	84.7	73.7	68.0	79.1
Mining, Including Milling								
Canada	107.0	109.1	109.8	107.9	115.7	114.8	110.4	111.4
Ontario	89.3	93.6	95.3	84.3	96.3	98.2	88.0	83.4
Manufacturing								
Canada	123.5	123.1	122.1	125.2	122.8	121.6	123.7	129.9
Ontario	129.4	128.9	127.2	130.6	127.6	126.0	128.6	135.4
Toronto	124.8	125.3	123.6	127.8	124.4	121.8	124.3	128.9
Hamilton	127.1	121.6	119.5	118.4	120.2	117.1	119.1	124.8
Kingston	120.3	115.6	113.6	117.7	108.7	102.1	105.9	109.8
London	122.7	121.1	114.6	115.0	107.3	106.4	115.3	119.3
Ottawa-Hull	118.9	122.5	120.3	126.8	125.1	109.9	108.3	112.6
Thunder Bay	135.3	136.5	129.2	132.5	124.7	132.0	133.7	132.8
Windsor	159.1	155.8	153.6	156.1	148.6	148.8	154.4	164.0
Construction								
Canada	128.9	122.6	119.4	119.1	113.9	115.5	109.7	109.9
Ontario	121.6	118.3	123.3	123.6	124.7	123.2	112.8	112.7
Toronto	138.0	136.2	148.7	151.8	156.9	151.2	137.6	139.0
Hamilton	115.5	106.3	105.5	92.9	112.3	127.3	97.1	102.2
London	157.6	162.8	152.9	152.0	152.1	146.5	132.5	119.4
Ottawa-Hull	118.9	127.0	133.9	137.9	129.3	142.1	128.7	134.8
Windsor	161.2	152.6	159.3	149.8	143.6	119.6	125.0	112.5

Table 11.14 (cont'd.)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1966-1981

	1974	1975	1976	1977	1978	1979	1980	1981^{p}
	Annual Averages (1961 = 100)							
Industrial Composite								
Canada	142.8	141.1	144.1	144.3	146.5	150.7	152.4	155.6
Ontario	147.5	144.2	147.1	148.0	151.2	155.3	155.9	159.2
Toronto	154.5	152.4	154.9^{r}	155.9	160.6	166.6	170.4	176.0
Hamilton	136.5	134.1	134.3	132.9	134.1	139.3	141.0	136.9
Kingston	138.0	138.3	139.5	137.4	140.4	144.1	139.6	142.2
London	138.5	132.9	134.7	134.7^{r}	143.9	146.4	145.9	149.6
Ottawa-Hull	168.5	167.1	170.8	173.1	179.6	180.6	178.6	182.0
Thunder Bay	145.6	138.9	151.1	156.9	155.6	156.7	153.5	156.6
Windsor	159.8	148.1	163.0	172.0	175.1	167.9	142.3	148.4
Forestry								
Canada	87.4	76.0	76.2	78.0	81.4	83.1	79.5	73.1
Ontario	84.5	68.3	58.1	72.9	95.8	95.2	91.4	90.6
Mining, Including Milling								
Canada	115.5	114.1	118.3	122.8	119.1	128.1	142.8	147.8
Ontario	85.2	86.5	89.6	88.3	76.3	75.8	87.1	91.3
Manufacturing								
Canada	133.8	126.3	128.1	126.3	127.6	131.4	129.0	129.8
Ontario	139.1	130.4	132.5	131.4	132.9	137.5	134.1	135.9
Toronto	133.0	126.4	126.6	124.8	126.8	131.8	130.9	133.8
Hamilton	129.7	124.5	123.7	121.6	121.7	129.7	131.0	122.1
Kingston	113.9	110.3	107.5	103.8	99.5	107.6	105.5	110.9
London	123.9	114.8	114.6	111.6^{r}	119.4	122.1	119.1	122.8
Ottawa-Hull	120.8	109.0	106.5	103.0	106.3	107.8	106.8	117.7
Thunder Bay	141.1	113.6	132.5	154.1	154.3	155.4	149.4	154.2
Windsor	157.7	141.1	157.7	167.1	167.8	156.6	118.7	131.1
Construction								
Canada	117.1	117.1	113.8	110.9	99.6	96.3	93.4	98.6
Ontario	118.2	116.4	113.4	111.1^{r}	103.2	95.3	91.6	96.0
Toronto	142.8	137.5	131.9	127.3	121.2	114.4	113.5	120.8
Hamilton	118.9	128.3	112.5	109.8	103.9	94.5	87.8	93.0
London	125.0	107.4	96.9	91.2	..	..	..	..
Ottawa-Hull	135.4	116.1	121.9	119.1	98.8	85.7	73.1	69.1
Windsor	131.3	131.0	129.8	116.7	122.6	119.8	120.7	87.7

Table 11.14 (cont'd.)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1966-1981

	1966	1967	1968	1969	1970	1971	1972	1973
	Annual Averages (1961 = 100)							
Transportation, Communication and Other Utilities								
Canada	107.5	110.9	109.5	111.9	112.6	114.6	116.0	118.0
Ontario	107.2	110.6	109.4	112.9	114.0	116.0	117.1	121.7
Toronto	110.1	114.6	116.2	122.5	126.7	129.6	131.4	140.5
Hamilton	102.9	103.6	100.4	106.3	104.5	103.2	108.6	108.4
London	110.1	105.3	105.6	114.3	116.0	117.2	115.7	119.5
Ottawa-Hull	105.8	110.5	114.3	120.6	129.2	133.2	141.3	154.6
Thunder Bay	114.4	111.6	102.7	108.1	125.8	149.8	138.7	130.3
Windsor	116.4	121.7	121.1	120.5	119.3	125.0	124.3	130.6
Trade								
Canada	123.7	125.8	129.4	136.6	139.3	140.3	146.2	155.3
Ontario	121.4	125.0	130.4	140.1	144.0	145.3	150.9	161.0
Toronto	120.0	120.6	124.6	132.3	135.0	136.4	142.6	154.2
Hamilton	124.5	128.4	130.3	139.9	138.4	139.9	139.5	147.0
London	117.1	121.4	122.2	126.3	130.3	126.7	132.1	136.5
Ottawa-Hull	115.1	121.8	131.1	141.6	145.6	147.8	154.2	162.9
Thunder Bay	117.8	121.2	118.7	121.1	124.0	122.4	136.1	139.5
Windsor	130.5	137.6	142.4	149.3	156.8	155.7	150.8	152.8
Finance, Insurance and Real Estate								
Canada	120.5	126.0	131.4	138.8	143.6	145.9	148.7	157.1
Ontario	118.4	125.1	131.5	139.0	144.6	147.2	150.0	159.8
Toronto	117.5	125.1	133.2	142.2	148.7	152.9	158.1	172.5
Hamilton	116.3	120.4	131.0	143.8	156.2	166.6	164.5	169.5
London	125.8	130.5	131.1	141.0	150.9	152.6	153.5	155.0
Ottawa-Hull	116.2	120.1	123.8	131.1	133.5	137.7	141.3	153.4
Service								
Canada	139.1	153.0	157.8	171.8	178.5	186.4	193.5	206.1
Ontario	139.5	149.9	158.0	172.1	180.6	190.6	198.3	212.0
Toronto	139.8	149.7	156.9	166.5	173.8	183.6	196.2	210.4
Hamilton	124.2	131.6	131.6	138.5	150.1	158.9	160.0	169.1
London	144.2	143.8	148.4	161.4	172.1	180.9	180.7	196.0
Ottawa-Hull	133.5	145.8	160.3	179.9	192.6	220.9	236.4	257.2
Windsor	161.7	176.2	188.5	211.2	228.9	235.3	239.0	247.5

Table 11.14 (cont'd.)

Employment Index Numbers by Industry, by Selected Urban Area, Canada and Ontario, 1966-1981

	1974	1975	1976	1977	1978	1979	1980	1981ᵖ
	Annual Averages (1961 = 100)							
Transportation, Communication and Other Utilities								
Canada	124.6	125.8	128.7	130.1	132.5	135.0	139.3	140.4
Ontario	126.7	127.0	131.0	134.2	137.5	139.4	142.7	143.7
Toronto	147.3	149.1	157.5	163.3	167.1	170.5	175.1	178.0
Hamilton	110.3	107.8	111.7	111.4	116.4	117.2	118.4	116.1
London	128.0	129.3	138.9	142.4	133.4	131.1	140.9	145.5
Ottawa-Hull	170.1	176.7	192.2	202.5	212.0	211.3	211.8	206.9
Thunder Bay	128.1	131.8	133.9	136.1	143.4	150.4	152.1	156.8
Windsor	142.2	138.3	149.7	152.7	153.3	150.8	146.6	143.3
Trade								
Canada	165.7	168.5	172.2	169.6	173.7	179.1	182.4	185.9
Ontario	171.4	173.6	176.7	174.8	178.3	183.2	185.7	188.8
Toronto	163.3	162.8	164.3	160.9	164.1	170.5	176.0	178.0
Hamilton	157.9	159.5	164.8	162.2	164.9	165.1	169.8	170.7
London	144.2	142.4	146.2	140.1	152.8	155.0	154.2	154.2
Ottawa-Hull	171.4	179.3	177.6	175.1	179.2	180.4	180.0	179.4
Thunder Bay	144.3	145.2	146.0	141.5	138.7	145.2	150.7	170.1
Windsor	155.8	155.1	172.9	189.3	193.8	187.8	175.8	169.5
Finance, Insurance and Real Estate								
Canada	167.3	175.0	183.9	194.5	199.2	205.8	208.7	215.4
Ontario	169.9	175.9	183.9	192.9	198.8	205.5	210.9	218.5
Toronto	183.6	190.6	199.0	208.8	211.6	219.4	229.7	241.2
Hamilton	181.9	187.8	188.0	195.3	. .	. .	. .	. .
London	158.5	157.5	164.6	177.7	189.1	196.9	195.7	199.4
Ottawa-Hull	163.2	167.1	172.2	178.1	198.2	207.0	208.7	211.7
Service								
Canada	224.0	231.9	242.8	250.1	260.7	271.3	283.7	301.8
Ontario	229.4	234.2	241.4	251.7	271.6	284.1	299.1	320.7
Toronto	228.2	233.7	241.6	254.4	282.0	300.5	320.9	340.2
Hamilton	179.7	181.0	190.2	195.1	197.4	205.0	216.1	233.3
London	213.7	210.8	211.3	227.0	255.5	271.2	283.2	295.7
Ottawa-Hull	284.5	287.4	296.7	310.4	319.6	323.1	323.2	334.7
Windsor	252.7	247.3	250.3	265.0	278.9	290.5	290.9	304.5

Source: SC, *Employment, Earnings and Hours.*

Table 11.15

Employment by Sex, Canada and Ontario, 1953-1981

	Total		Male		Female	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			Annual Averages ('000's)			
1953	5,235	1,907	4,063	1,452	1,172	456
1954	5,243	1,945	4,044	1,459	1,199	485
1955	5,364	1,993	4,128	1,490	1,236	503
1956	5,585	2,096	4,266	1,543	1,320	553
1957	5,731	2,161	4,329	1,580	1,402	582
1958	5,706	2,142	4,263	1,571	1,442	570
1959	5,870	2,198	4,363	1,603	1,507	596
1960	5,965	2,249	4,368	1,607	1,597	642
1961	6,055	2,269	4,381	1,608	1,674	662
1962	6,225	2,317	4,488	1,641	1,737	676
1963	6,375	2,382	4,567	1,678	1,808	704
1964	6,609	2,473	4,698	1,718	1,911	756
1965	6,862	2,548	4,842	1,768	2,020	780
1966	7,121'	2,660	4,952	1,823	2,168	837
1967	7,324	2,742	5,035	1,856	2,289	886
1968	7,461	2,814	5,085	1,893'	2,376	920
1969	7,693	2,916	5,204'	1,946	2,488	971
1970	7,778	2,973	5,233	1,972	2,545	1,001
1971	7,958	3,045	5,302	1,992	2,656	1,053
1972	8,191	3,168	5,431	2,059	2,760	1,109
1973	8,598	3,305	5,647	2,129	2,951	1,176
1974	8,951	3,443	5,836	2,195	3,115	1,247
1975	9,284	3,576	5,903	2,215	3,381	1,360
1976	9,479	3,645	5,965	2,240	3,515	1,405
1977	9,648	3,714	6,031	2,269	3,617	1,445
1978	9,972	3,847	6,148	2,327	3,824	1,520
1979	10,369	4,008	6,347	2,390	4,022	1,618
1980	10,655	4,066	6,430	2,389	4,225	1,677
1981	10,933	4,186	6,522	2,441	4,411	1,745

Source: SC, *The Labour Force*, (71-001)

Table 11.16

The Employed by Class of Worker, Ontario, 1967-1981

			Self-employed			
	Total	Paid Workers	Own-Account Workers	Employers	Total	Unpaid Family Workers
				'000's		
1967	2,742	2,432	143	119	261	49
1968	2,814	2,508	134	120	254	52
1969	2,916	2,610	135	126	261	45
1970	2,973	2,672	134	122	256	45
1971	3,045	2,735	134	129	264	47
1972	3,168	2,864	129	135	264	39
1973	3,305	2,998	138	128	266	41
1974	3,443	3,127	141	133	274	42
1975	3,576	3,278	169	96	265	34
1976	3,645	3,343	172	96	268	34
1977	3,714	3,379	191	108	299	37
1978	3,847	3,485	213	107	320	41
1979	4,008	3,637	221	108	328	44
1980	4,066	3,705	226	100	326	35
1981	4,186	3,825	225	100	325	36

Source: SC, *The Labour Force*, (71-001).

Table 11.17

Unemployed Persons by Family Status, Ontario, 1967-1981

		Members of Family Units					
	Total Unemployed	Total	Head of Unit	Spouse	Single Sons or Daughters	Other Relatives	Non-members of Family Units
			Annual Averages ('000's)				
1967	89	82	39	..	27	16	10
1968	104	95	39	..	36	20	11
1969	95	86	34	..	32	20	9
1970	134	120	49	..	45	25	13
1971	170	154	64	..	56	35	21
1972	162	143	55	..	54	34	20
1973	142	123	45	..	47	32	19
1974	152	132	46	..	50	34	20
1975	242	215	67	68	70	10	27
1976	240	214	57	67	79	11	25
1977	280	247	68	78	89	14	32
1978	300	264	74	81	96	13	36
1979	280	250	70	73	94	13	31
1980	300	266	81	72	101	12	33
1981	295	261	74	72	102	13	34

Source: SC, *The Labour Force*, (71-001).

Table 11.18

Unemployment Rates by Age and Sex, Ontario, 1957-1981

	Total					Male					Female				
	All ages	14-19[2]	20-24	25-44	45+	All ages	14-19[2]	20-24	25-44	45+	All ages	14-19	20-24	25-44	45+
							Annual Averages (Per Cent)								
1957	3.4	6.4	5.1	2.9	2.7	3.9	8.7	6.1	3.4	3.1	2.2	4.8	...[1]	1.6	...[1]
1958	5.4	11.2	8.0	4.6	4.3	6.2	13.5	10.9	5.3	4.6	3.2	8.1	...[1]	2.4	...
1959	4.5	9.5	5.5	3.7	4.1	5.1	11.1	6.7	4.3	4.8	2.6	6.0	...[1]	1.9	...[1]
1960	5.4	11.4	6.9	4.5	4.4	6.2	14.5	9.0	5.3	5.3	3.0	7.8	...[1]	2.4	...[1]
1961	5.5	10.9	7.2	4.6	4.9	6.3	13.2	9.7	5.4	5.6	3.2	8.0	...[1]	2.4	1.9
1962	4.3	9.9	5.4	3.5	3.8	4.9	10.7	6.8	3.8	4.5	3.0	7.9	...[1]	2.4	...[1]
1963	3.8	9.9	4.9	2.9	3.2	4.2	10.9	5.4	3.1	3.7	2.9	8.5	...[1]	2.3	...[1]
1964	3.2	8.7	3.9	2.4	2.7	3.5	9.9	5.2	2.5	3.1	2.7	7.9	...[1]	2.2	...[1]
1965	2.5	6.7	3.0	1.7	2.3	2.7	7.4	3.8	1.8	2.8	2.3	5.8	...[1]	1.8	...[1]
1966	2.5	6.9	3.2	1.8	2.2	2.6	7.5	3.6	1.8	2.5	2.3	6.1	2.6	1.8	1.4
1967	3.1	8.3	3.9	2.4	2.4	3.3	9.1	4.7	2.6	2.7	2.7	7.4	2.8	2.1	1.6
1968	3.5	9.7	4.5	2.7	2.6	3.7	10.6	4.9	2.9	2.9	3.2	8.6	4.0	2.3	1.9
1969	3.1	8.6	3.8	2.3	2.5	3.3	9.5	4.4	2.4	2.8	2.8	7.4	3.0	2.1	1.8
1970	4.3	11.4	6.0	3.3	3.0	4.6	12.4	7.4	3.5	3.3	3.7	10.1	4.1	2.7	2.4
1971	5.3	13.7	7.9	3.7	3.8	5.5	15.6	9.4	3.8	4.2	4.8	11.5	5.9	3.4	3.0
1972	4.8	11.7	7.5	3.4	3.5	5.1	13.5	8.9	3.5	3.7	4.4	9.4	5.8	3.3	2.8
1973	4.1	9.7	6.6	3.0	2.7	4.0	10.1	7.3	2.9	2.8	4.1	9.1	5.7	3.2	2.3
1974	4.2	9.6	6.5	3.1	2.7	4.0	10.3	6.9	2.8	2.9	4.4	8.7	6.0	3.7	2.2
1975	6.3	14.2	9.0	5.0	4.1	5.4	14.4	9.2	3.9	3.3	7.8	13.9	8.8	6.9	5.6
1976	6.2	14.7	8.8	5.1	3.4	5.1	14.9	8.9	3.7	2.8	7.8	14.4	8.6	7.4	4.6
1977	7.0	15.6	11.2	5.3	4.3	5.9	15.8	11.1	4.0	3.6	8.6	15.4	11.3	7.5	5.5
1978	7.2	16.8	10.2	5.8	4.3	6.2	17.5	10.2	4.2	3.7	8.8	16.0	10.2	8.3	5.3
1979	6.5	15.0	9.2	5.2	3.8	5.6	15.1	9.2	3.9	3.4	7.8	14.8	9.3	7.1	4.6
1980	6.9	15.9	9.8	5.5	3.9	6.2	17.1	9.7	4.7	3.5	7.7	14.6	9.9	6.7	4.7
1981	6.6	15.4	10.0	5.2	3.7	6.0	16.0	11.4	4.1	3.3	7.3	14.8	8.4	6.6	4.4

1) Unemployed estimates less than 4,000
2) From 1966 onwards this category is 15-19 years

Source: SC, Labour Force Survey Division

Table 11.19

Unemployed Persons by Occupation, Canada and Ontario, 1977-1981

	All Occupations	Managerial, Administrative, etc.[1]	Clerical	Sales	Service	Primary Occupations[2]	Processing, etc.[3]	Construction	Transportation	Materials Handling and Other Crafts	Never Worked[4]
					Annual Averages ('000's)						
1977											
Canada	850	84	130	66	135	51	144	103	34	42	62
Ontario	280	29	47	22	44	12	50	28	11	14	22
1978											
Canada	911	96	141	68	149	54	140	115	35	40	72
Ontario	300	32	53	22	47	13	47	31	11	14	29
1979											
Canada	838	84	125	60	145	52	132	94	33	40	73
Ontario	280	27	42	21	46	14	53	27	9	13	28
1980											
Canada	867	82	126	63	148	57	153	97	34	39	68
Ontario	300	24	43	22	48	16	67	30	11	13	25
1981											
Canada	898	86	129	63	160	60	151	92	36	45	75
Ontario	295	27	42	21	50	16	60	27	10	16	26

1) Includes managerial and administrative, natural sciences, social sciences, religion, teaching, medicine and health, artistic and recreational occupations.

2) Includes farmers and farm workers, fishermen, trappers and hunters, loggers and related workers, miners, quarrymen and related workers.

3) Includes processing, machining and product fabricating, assembling and repairing.

4) Comprises unemployed persons who never had a full-time job lasting two weeks or more.

Source: SC, Labour Force Survey Division, (71-001).

Table 11.20

Duration of Unemployment, Canada and Ontario, 1975-1981

	Total Unemployed	Unemployed Under Three Months[1]	Unemployed Three Months and Over	Other[2]
		Annual Averages ('000's)		
1975				
Canada	685	448′	238′	..
Ontario	223	152′	71′	..
1976				
Canada	727	454′	243	29
Ontario	240	160	71	9
1977				
Canada	850	523	298	30
Ontario	280	180′	91	9
1978				
Canada	911	540	339	31
Ontario	300	184	107	9
1979				
Canada	838	519	290	29
Ontario	280	181′	91	8
1980				
Canada	867	543	296	28
Ontario	300	195	96	9
1981				
Canada	898	562	305	30
Ontario	295	192	94	9

1) Includes persons on temporary layoff up to 30 days and persons seeking work under 3 months.

2) Includes persons with a job to start within 4 weeks of the reference week who had not actively looked for work in the past 4 weeks, but who were available for work in the reference week.

Source: SC, *The Labour Force*, (71-001).

Table 11.21

Distribution of Membership of Reporting National Labour Organizations[1] by Affiliation, Canada and Ontario, 1971-1979

	Membership										Total Membership	
	CLC		CSD		CNTU		PSAC/CLC		Unaffiliated			
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
1971												
Canada	274,809	100.0	...	...	184,925	100.0	129,626	100.0	370,988	100.0	960,348	100.0
Ontario	99,589	36.2	...	...	150	0.1	58,263	45.0	89,658	24.2	247,660	25.8
1972												
Canada	299,140	100.0	23,676	100.0	132,658	100.0	133,319	100.0	345,698	100.0	934,491	100.0
Ontario	110,080	36.8	...	...	110	0.1	59,439	44.6	93,314	27.0	262,943	28.1
1973												
Canada	361,031	100.0	37,303	100.0	160,254	100.0	128,308	100.0	377,045	100.0	1,063,941	100.0
Ontario	117,220	32.5	...	...	115	0.1	56,028	43.7	98,482	26.1	271,845	25.5
1974												
Canada	464,298	100.0	27,763	100.0	174,471	100.0	135,827	100.0	393,835	100.0	1,196,194	100.0
Ontario	133,809	28.8	...	...	151	0.1	61,706	45.4	113,101	28.7	308,767	25.8
1975												
Canada	530,894	100.0	26,101	100.0	152,214	100.0	143,576	100.0	371,649	100.0	1,224,434	100.0
Ontario	153,050	28.8	...	...	187	0.1	66,766	46.5	108,736	29.3	328,739	26.9
1976												
Canada	555,021	100.0	24,987	100.0	150,217	100.0	145,663	100.0	388,091	100.0	1,263,979	100.0
Ontario	162,299	29.2	...	...	185	0.1	67,727	46.5	106,962	27.6	337,173	26.7
1977												
Canada	576,600	100.0	24,591	100.0	152,222	100.0	154,437	100.0	400,293	100.0	1,308,143	100.0
Ontario	170,572	29.6	...	...	193	0.1	71,299	46.2	133,640	33.4	375,704	28.7
1978												
Canada	630,432	100.0	25,147	100.0	155,704	100.0	157,582	100.0	433,860	100.0	1,402,725	100.0
Ontario	169,245	27.8	...	...	267	0.2	72,434	46.0	148,850	34.3	390,796	28.3
1979												
Canada	635,698	100.0	26,469	100.0	165,493	100.0	153,999	100.0	480,286	100.0	1,461,945	100.0
Ontario	185,056	29.1	...	...	302	0.2	70,853	46.0	153,029	31.9	409,240	28.0

1) Including government employees' organizations.

Source: SC, *Corporations and Labour Unions Return Act, Part II - Labour Unions*

Table 11.22

Distribution of Membership of Reporting International Labour Organizations by Affiliation, Canada and Ontario, 1971-1979

	Membership								Total Membership	
	AFL-CIO/CLC		AFL-CIO only		CLC only		Unaffiliated			
	Number	%	Number	%	Number	%	Number	%	Number	%
1971										
Canada	1,202,108	100.0	501	100.0	108,623	100.0	103,602	100.0	1,414,834	100.0
Ontario	498,833	41.5	404	80.6	97,548	89.8	52,990	51.1	649,775	45.9
1972										
Canada	1,233,643	100.0	475	100.0	113,132	100.0	95,460	100.0	1,442,710	100.0
Ontario	508,466	41.2	392	82.6	101,333	89.6	47,850	50.1	658,041	45.6
1973										
Canada	1,281,246	100.0	466	100.0	155,531	100.0	78,928	100.0	1,516,171	100.0
Ontario	517,888	40.4	379	81.3	134,950	86.8	30,443	38.6	683,660	45.1
1974										
Canada	1,250,050	100.0	501	100.0	151,806	100.0	84,281	100.0	1,486,638	100.0
Ontario	514,925	41.2	414	82.6	130,129	85.7	31,289	37.1	676,757	45.5
1975										
Canada	1,274,888	100.0	-	-	152,427	100.0	84,517	100.0	1,511,832	100.0
Ontario	521,451	40.9	-	-	129,761	85.1	31,712	37.5	682,924	45.2
1976										
Canada	1,239,058	100.0	38,089	100.0	151,061	100.0	86,515	100.0	1,514,743	100.0
Ontario	509,336	41.1	9,758	25.6	130,341	86.3	30,697	35.5	680,132	44.9
1977										
Canada	1,257,489	100.0	9,184	100.0	159,361	100.0	87,867	100.0	1,513,901	100.0
Ontario	507,775	40.4	5,739	62.5	137,166	86.1	31,049	35.3	681,729	45.0
1978										
Canada	1,268,135	100.0	7,258	100.0	162,838	100.0	88,821	100.0	1,527,052	100.0
Ontario	509,050	40.1	4,451	61.3	140,700	86.4	31,384	35.3	685,585	44.9
1979										
Canada	1,311,623	100.0	2,873	100.0	162,293	100.0	97,018	100.0	1,573,807	100.0
Ontario	530,990	40.5	1,184	41.2	139,533	86.0	35,414	36.5	707,121	44.9

Source: SC, *Corporations and Labour Unions Return Act, Part II — Labour Unions.*

Table 11.23

Distribution of Collective Agreements of All Reporting Labour Organizations, Canada and Ontario, 1969-1979

	International Unions		National Unions		Government Employees' Organizations		Total	
	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals	Agree-ments	Locals
1969								
Canada	12,305	4,928	3,309	2,770	105	1,966	15,719	9,664
Ontario	5,048	2,165	673	580	83	722	5,804	3,467
1970								
Canada	12,582	4,886	2,641	3,040	85	2,173	15,308	10,099
Ontario	5,598	2,160	474	613	68	857	6,140	3,630
1971								
Canada	16,231	4,889	3,834	3,210	60	2,262	20,125	10,361
Ontario	7,243	2,163	744	635	33	897	8,020	3,695
1972								
Canada	14,507	4,804	3,723	3,128	61	2,451	18,291	10,383
Ontario	6,351	2,129	809	656	36	1,036	7,196	3,821
1973								
Canada	13,439	4,674	4,201	3,470	202	2,826	17,842	10,970
Ontario	5,677	2,068	856	689	147	1,114	6,680	3,871
1974								
Canada	14,005	4,388	5,010	4,089	286	3,010	19,301	11,487
Ontario	6,195	2,000	1,087	763	160	1,144	7,442	3,907
1975								
Canada	13,639	4,361	5,326	4,301	287	2,874	19,252	11,536
Ontario	5,889	1,992	1,269	863	164	976	7,322	3,831
1976								
Canada	13,656	4,282	5,684	4,476	268	2,939	19,608	11,697
Ontario	5,766	1,981	1,377	914	164	1,000	7,307	3,895
1977								
Canada	13,491	4,265	6,065	4,942	286	2,964	19,842	12,171
Ontario	5,769	1,954	1,636	1,113	163	998	7,568	4,065
1978								
Canada	13,582	4,203	6,085	5,178	330	2,952	19,997	12,333
Ontario	5,913	1,938	1,567	1,182	166	1,001	7,646	4,121
1979								
Canada	13,143	4,151	7,010	5,790	334	2,969	20,487	12,910
Ontario	5,831	1,940	1,693	1,175	168	1,030	7,692	4,145

Source: SC. *Corporations and Labour Unions Return Act, Part II - Labour Unions.*

Table 11.24

Strikes and Lockouts, Ontario, 1958-1981

		Employees Involved		Duration of Strikes and Lockouts in Person-Days				
					Ontario			
	Number of Strikes and Lockouts	Number	Per Strike and Lockout	Canada	Number	As a Per-cent of Canada	Per Employee Involved	Per Cent of Estimated Working Time
1958	132	58,467	443	2,872,340	1,918,030	66.8	32.8	. .
1959	104	25,540	246	2,286,900	267,730	11.7	10.5	. .
1960	156	24,085	154	738,700	337,370	45.7	14.0	. .
1961	166	39,817	240	1,335,080	644,770	48.3	16.2	0.14
1962	172	32,985	192	1,417,900	424,590	29.9	12.9	0.09
1963	181	37,744	209	917,140	364,190	39.7	9.6	0.07
1964	188	52,442	279	1,580,550	712,095	45.1	13.6	0.13
1965	269	92,633	344	2,349,870	1,343,001	57.2	14.5	0.24
1966	297	121,110	408	5,178,170	1,356,130	26.2	11.2	0.23
1967	228	65,563	288	3,974,760	1,542,550	38.8	23.5	0.25
1968	286	136,407	477	5,082,732	2,922,090	57.5	21.4	0.46
1969	238	130,909	550	7,751,880	5,318,770	68.6	40.6	0.80
1970	215	81,592	380	6,539,560	2,547,210	39.0	31.2	0.37
1971	205	79,726	389	2,866,590	1,366,750	47.7	17.1	0.20
1972	188	68,590	365	7,753,530	2,072,830	26.7	30.2	0.29
1973	204	108,469	532	5,776,140	1,694,210	29.3	15.6	0.22
1974	339	117,419	346	9,255,120	2,628,000	28.4	22.4	0.33
1975	359	124,773	348	10,908,810	3,175,270	29.1	25.5	0.41
1976	279	109,527	393	10,624,130	1,654,800	15.6	15.1	0.20
1977	243	83,250	343	3,420,960	1,109,039	32.4	13.3	0.13
1978	276	121,771	441	7,392,820	2,970,370	40.2	24.4	0.34
1979	308	106,629	346	7,834,230	2,529,050	32.3	23.7	0.28
1980	268	80,014	299	8,999,390	1,676,110	18.6	20.9	0.18
1981	243	74,731	308	. .	2,258,620	. .	30.2	0.24

Source: Ministry of Labour, Research Branch, *Union Membership – Strikes and Lockouts*.

Income

Highlights

- **Provincial Accounts** – In 1979, Ontario's Gross Provincial Product (GPP) at market prices was $100.2 billion; 1980 figures indicate a GPP of $109.6 billion at market prices, representing a 9.4 per cent increase over 1979. Of the 1980 total GPP, wages, salaries and supplementary labour income accounted for 58.9 per cent, or $64.5 billion. Corporate profits before taxes accounted for 12.1 per cent and indirect taxes less subsidies for 12.2 per cent. Ontario's personal expenditure in 1980 on consumer goods and services represented 57.4 per cent or $62.9 billion of $109.6 billion of Gross Provincial Expenditure (GPE); exports of goods and services abroad accounted for 35.8 per cent or $39.2 billion.

- **Personal Income** – In 1980, Ontario personal income per capita was $10,614, an increase of 10.3 per cent over the 1979 figure of $9,624; in Canada in 1980 the per capita income was $9,913, an increase of 11.0 per cent over the 1979 figure of $8,927. Ontario personal disposable income represented 38.4 per cent of personal disposable income in Canada in 1980.

  1980 figures suggest that 9.9 per cent of unattached individuals in Ontario have an annual income under $3,000; in Canada 10.0 per cent of unattached individuals were in this category. In 1980, 31.2 per cent of the unattached individuals and 80.3 per cent of the families surveyed in Ontario had an income of $15,000 and over per annum; in Canada the comparable figures were 28.8 per cent and 76.6 per cent, respectively.

  In 1980, 30.3 per cent of the families and 31.5 per cent of unattached individuals classified as being in the revised low income bracket in Canada resided in Ontario. In the same year, Ontario had 37.1 per cent of the families and 37.7 per cent of unattached individuals classified as not being in the low income bracket. In 1980, 8.1 per cent of all families and 25.5 per cent of all unattached individuals were classified as being in the low income category in Ontario.

- **Wages** – The minimum hourly wage in Ontario for general workers has risen from $1.00 as of December 27, 1965 to $3.50 as of October 1, 1981. Ontario's industrial composite for average weekly earnings in 1981 was $311.45 compared with $355.30 for Canada; average weekly earnings in manufacturing in Ontario were $389.55, compared with $383.83 for Canada; in mining, the average weekly figure for Ontario was $488.84 and $534.43 for Canada. Windsor in 1981 had an industrial composite for average weekly earnings of $378.24 and average weekly earnings of $464.50 in manufacturing; Toronto's figures were $348.50 and $376.48 respectively.

- **Taxable Income** – Of a total of $126.8 billion of taxable income for Canada in 1980, Ontario accounted for $48.4 billion, or 38.2 per cent. In 1980, Ontarians had a total tax payable of $12.1 billion, an increase of 15.2 per cent over 1979's figure.

Definitions

Provincial Income – Net provincial income at factor cost measures the current earnings of Ontario factors of production (land, labour and capital) from productive activity. It includes wages and salaries, profits, investment income, net rent and net income of farm and non-farm unincorporated business.

Gross Provincial Product (GPP) – By totalling all costs arising in production and including other non-factor costs of production affecting market price GPP measures the market value of all final goods and services produced in the current period by Ontario factors of production. It is equal to provincial income plus net indirect taxes (indirect taxes less subsidies), plus capital consumption allowances and miscellaneous valuation adjustments.

Gross Provincial Expenditure (GPE) – GPE measures production of final goods and services at market prices, by tracing the disposition of production through final sales to persons, to governments, to business on capital account (including changes in inventories) and to non-residents (exports). Imports of goods and services, payments of interest and dividends to the rest of Canada and federal government income received from or accrued in Ontario are deducted since the purpose is to measure only Ontario production.

Industrial Composite – Represents the sum of industries included in the mail survey of the Labour Division of Statistics Canada.

Personal Income – The sum of current receipts of income whether or not these receipts represent earnings from production. It includes transfer payments from government, corporations and non-residents (such as family allowances, unemployment insurance benefits and old age security payments) in addition to wages and salaries, net income of farm and non-farm unincorporated business, interest, dividends and net rental income of persons. It does not include undistributed profits of corporations and other elements of the provincial income not paid out to persons.

Taxable Income – The amount of income taxable after deducting all exemptions and allowances.

Survey of Consumer Finances (SCF) – The data shown in tables 12.7, 12.8 and 12.9 are derived from this survey which is based on a sample developed for use by the monthly Labour Force Survey. It is a multi-stage stratified clustered probability sample designed to represent all families and unattached individuals (with a few minor exceptions).

Each sampled unit is weighted by a factor that adjusts for differences in sampling ratios and non-response and which when aggregated, yields totals consistent with independent provincial estimates of families and unattached individuals, derived from the Census and other sources.

The following definitions related specifically to the data derived from the SCF.

Income – Total monetary income received before deduction for such items as income tax, unemployment insurance and pension fund contributions. It consists of wages and salaries, net income from self-employment, investment income, government transfer payments and miscellaneous other components such as retirement pensions, annuities, scholarships, alimony and the like.

Economic Family – Family, is a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption. At the time of survey all relatives living together were considered to comprise one family whatever the degree of family relationship. No recall or adjustment was made to account for persons who were members of the family for part of the year and who left because of marriage, death or other reasons. Some family units existing at the time of the survey were not family units during the whole year; for example, a couple who married in the middle of that year. Aside from single sons and daughters, other relatives most commonly found living in the household were married sons and daughters and widowed parents.

Unattached Individual – A person living alone or in a household where he/she is not related to other household members.

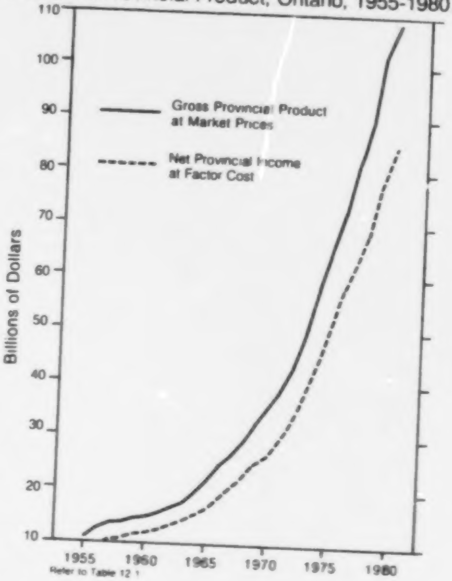
Family Unit – Designates collectively unattached individuals and families of two or more members.

Revised Cut-Offs – Following an analysis of 1969 Family Expenditure data families who spent more than 62% of their income on food, shelter and clothing were considered to be below the low income line. The actual cutoff limits for 1969 were determined for different size of area residence and family size combinations using a regression technique. These 1969 cutoffs are adjusted annually by a factor corresponding to the annual rate of change in the Consumer Price Index.

Average Income – $\text{Average Income} = \dfrac{\text{Aggregate total income}}{\text{Estimated number of families in the category.}}$

Graph 12.A

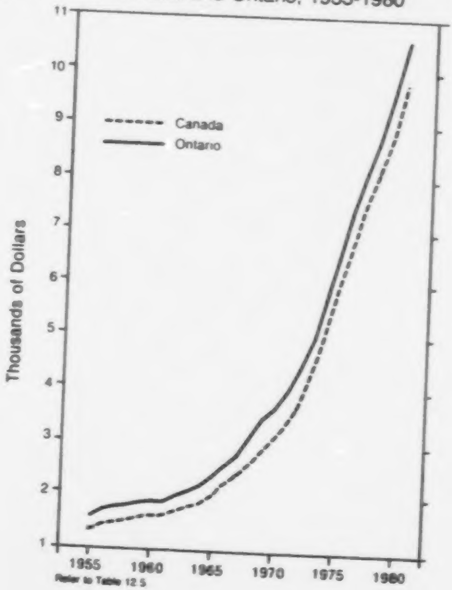
Provincial Income and Gross Provincial Product, Ontario, 1955-1980



Refer to Table 12.1

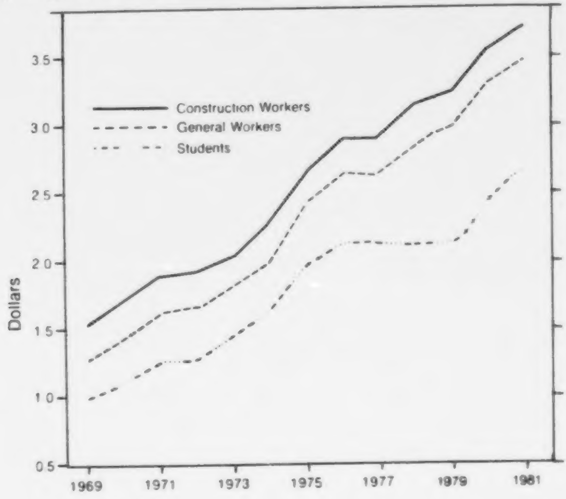
Graph 12.B

Personal Income per Person, Canada and Ontario, 1955-1980



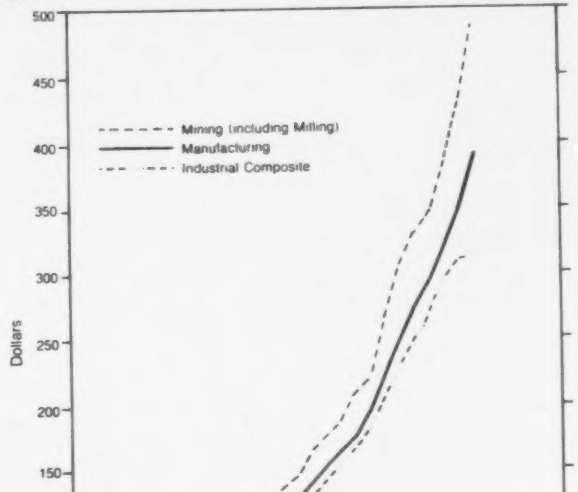
Refer to Table 12.5

Graph 12.C
Minimum Hourly Wages, Ontario, 1969-1981



Refer to Table 12.10

Graph 12.D
Average Weekly Earnings, Industrial Composite Manufacturing and Mining, Ontario, 1955-1981



Refer to Table 12.12

Table 12.1

Provincial Income and Gross Provincial Product, Ontario, 1973-1980

	1973	1974	1975	1976	1977^r	1978^r	1979^r	1980
				$ Million				
1. Wages, salaries and supplementary labour income	28,536	33,619	38,443	44,163	48,701	52,986	58,501	64,514
2. Military pay and allowances	342	375	408	447	474	478	482	524
3. Corporate profits before taxes	6,241	8,300	7,405	7,456	7,329	8,952	12,252	13,242
4. *Deduct:* Dividends paid to non-residents	-935	-1,233	-1,114	-967	-1,127	-1,594	-1,612	-1,797
5. Interest and miscellaneous investment income	2,182	2,760	2,786	3,451	4,296	5,287	6,125	6,716
6. Accrued net income of farm operators from farm productions	590	735	879	696	712	679	908	699
7. Net income of non-farm unincorporated business including rent	2,711	2,785	3,038	3,258	3,518	3,669	3,950	4,275
8. Inventory valuation adjustment	-1,019	-2,023	-1,368	-890	-1,505	-2,006	-3,092	-3,185
9. *Net Provincial Income at Factor Cost*	38,648	45,318	50,477	57,614	62,398	68,451	77,514	84,988
10. Indirect taxes less subsidies	6,872	7,880	7,731	9,387	10,431	11,132	12,465	13,345
11. Capital consumption allowances and miscellaneous valuation adjustments	4,826	5,752	6,527	7,350	8,123	8,962	9,903	10,804
12. Residual error of estimate	+76	+280	-67	-630	+540	+567	286	437
13. *Gross Provincial Product at Market Prices*	50,422	59,230	64,802	73,721	81,492	89,112	100,168	109,574

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch
SC, *Provincial Economic Accounts*, (13-213)

Table 12.2

Gross Provincial Expenditure, Ontario, 1973-1980

	1973	1974	1975	1976	1977[r]	1978[r]	1979[r]	1980
				$ Million				
1. Personal expenditure on consumer goods and services	28,421	32,891	37,610	42,521	47,004	51,767	56,671	62,861
2. Government expenditure on goods and services	7,558	8,997	10,804	11,826	13,094	14,328	15,424	17,022
a) Current expenditure	6,389	7,521	9,196	10,301	11,490	12,645	13,633	15,229
b) Capital expenditure	1,169	1,476	1,608	1,525	1,604	1,683	1,791	1,793
3. Business gross fixed capital formation	8,982	10,783	11,990	12,766	13,669	14,519	16,048	17,897
a) New residential and non-residential construction	5,551	6,586	7,099	7,681	8,165	8,389	8,772	9,059
b) New machinery and equipment	3,431	4,197	4,891	5,085	5,504	6,130	7,276	8,838
4. Value of physical change in inventories	671	1,714	-205	392	426	22	1,861	-374
a) Non-farm business inventories	637	1,681	-307	469	404	75	1,685	-517
b) Farm inventories and grain in commercial channels	34	33	102	-77	22	-53	176	143
5. Exports of goods and services abroad	14,314	17,011	17,552	20,523	23,970	28,835	34,065	39,212
6. *Deduct:* Imports of goods and services from abroad	-12,100	-14,917	-16,323	-18,549	-20,280	-23,921	-27,728	-30,915
7. Exports of goods and services to federal government	3,024	3,530	4,005	4,394	4,976	4,884	5,064	5,403
8. *Deduct:* Federal government investment income received from or accrued in Ontario	-553	-660	-801	-923	-1,035	-1,198	-1,275	-1,426
9. Dividends received from R.O.C.[1]	622	718	684	473	606	1,064	880	933
10. *Deduct:* Dividends paid to R.O.C.[1]	-441	-557	-448	-332	-398	-621	-556	-603
11. Residual error of estimate	-76	-280	-67	+630	-540	-567	-286	-436
12. *Gross Provincial Expenditure at Market Prices*	50,422	59,230	64,802	73,721	81,492	89,112	100,168	109,574

[1] R.O.C. = rest of Canada.

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch
SC, *Provincial Economic Accounts* (13-213).

Table 12.3

Summary of Personal Income, Canada and Ontario, 1950-1980

	Canada			Ontario			Ontario as % of Canada		
	Personal Income		Personal Disposable Income $ Million	Personal Income		Personal Disposable Income $ Million	Personal Income	Personal Disposable Income	Transfers to Government[1]
	Amount $ Million	Per Capita $		Amount $ Million	Per Capita $				
1950	14,262	1,040	13,285	5,638	1,261	5,208	39.5	39.2	44.0
1951	16,791	1,199	15,435	6,521	1,418	5,916	38.8	38.3	44.6
1952	18,592	1,286	16,922	7,207	1,505	6,467	38.8	38.2	44.3
1953	19,550	1,317	17,718	7,681	1,555	6,860	39.3	38.7	44.8
1954	19,717	1,290	17,868	7,930	1,550	7,090	40.2	39.7	45.4
1955	21,265	1,355	19,331	8,525	1,619	7,644	40.1	39.5	45.6
1956	23,531	1,463	21,307	9,320	1,724	8,273	39.6	38.8	47.1
1957	25,170	1,515	22,714	10,211	1,812	9,066	40.6	39.9	46.6
1958	26,651	1,560	24,313	10,802	1,856	9,745	40.5	40.1	45.2
1959	28,108	1,606	25,440	11,406	1,911	10,167	40.6	40.0	46.4
1960	29,595	1,656	26,567	11,923	1,951	10,529	40.3	39.6	46.0
1961	30,104	1,651	26,904	12,187	1,954	10,720	40.5	39.8	45.8
1962	32,788	1,764	29,340	13,098	2,062	11,533	39.9	39.3	45.4
1963	34,829	1,840	31,168	13,976	2,156	12,320	40.1	39.5	45.2
1964	37,282	1,933	33,049	15,030	2,267	13,106	40.3	39.7	45.5
1965	41,071	2,091	36,263	16,537	2,436	14,301	40.3	39.4	46.5
1966	46,094	2,303	39,901	18,655	2,680	15,850	40.5	39.7	45.3
1967	50,579	2,482	43,123	20,553	2,884	17,233	40.6	40.0	44.5
1968	55,677	2,690	46,820	22,844	3,146	18,855	41.0	40.3	45.0
1969	61,804	2,943	50,911	25,629	3,470	20,696	41.5	40.7	45.3
1970	66,633	3,129	54,009	27,974	3,705	22,189	42.0	41.1	45.8
1971	74,092	3,435	59,943	30,966	4,020	24,567	41.8	41.0	45.2
1972	83,767	3,842	68,100	34,822	4,459	27,893	41.6	41.0	44.2
1973	97,832	4,438	79,719	39,884	5,043	32,104	40.8	40.3	43.0
1974	116,867	5,226	94,545	47,060	5,843	37,853	40.3	40.0	41.2
1975	136,205	6,001	110,996	53,902	6,596	43,770	39.6	39.4	40.2
1976	155,343	6,756	125,510	60,959	7,376	49,126	39.2	39.1	39.7
1977'	171,303	7,365	138,094	67,164	8,039	54,368	39.2	39.4	38.5
1978'	190,067	8,096	154,623	74,178	8,785	60,664	39.0	39.2	38.1
1979'	211,394	8,927	172,308	81,840	9,624	66,985	38.7	38.9	38.0
1980	237,272	9,913	192,572	91,002	10,614	74,037	38.4	38.4	38.0

[1] Personal direct taxes and other current transfers to government obtained by subtracting personal disposable income from personal income.

Source: SC, *National Income and Expenditure Accounts*, (13-201)

Table 12.4

Personal Income[1], by Province, Canada[2], 1953-1980

	Canada	Ontario	New-found-land	Prince Edward Island	Nova Scotia	New Bruns-wick	Québec	Mani-toba	Saskat-chewan	Alberta	British Colum-bia	Yukon & North-west Terri-tories	Foreign Countries[3]
							$ Million						
1953	19,550	7,681	256	65	637	447	4,862	1,012	1,138	1,417	1,976	34	25
1954	19,717	7,930	272	69	664	468	5,029	1,002	824	1,346	2,050	39	24
1955	21,265	8,525	292	67	683	489	5,296	1,073	1,058	1,475	2,242	43	22
1956	23,531	9,320	325	85	732	534	5,840	1,206	1,205	1,719	2,482	59	24
1957	25,170	10,211	350	77	785	556	6,363	1,223	1,037	1,749	2,728	59	32
1958	26,651	10,802	361	83	820	585	6,655	1,352	1,156	1,958	2,786	59	34
1959	28,108	11,406	383	96	874	626	7,005	1,419	1,200	2,039	2,948	61	51
1960	29,595	11,923	412	97	920	664	7,422	1,492	1,352	2,134	3,058	63	58
1961	30,104	12,187	440	102	946	671	7,828	1,436	1,084	2,199	3,091	59	61
1962	32,788	13,098	462	114	995	707	8,445	1,611	1,529	2,411	3,279	62	74
1963	34,829	13,976	493	116	1,043	751	8,933	1,647	1,686	2,535	3,509	67	73
1964	37,282	15,030	531	128	1,108	809	9,742	1,775	1,539	2,652	3,822	70	76
1965	41,071	16,537	604	137	1,181	880	10,685	1,892	1,789	2,941	4,271	69	85
1966	46,094	18,655	680	151	1,302	979	11,880	2,039	2,047	3,374	4,817	80	90
1967	50,579	20,553	755	168	1,446	1,067	13,175	2,280	1,932	3,665	5,348	90	100
1968	55,677	22,844	837	189	1,580	1,183	14,193	2,523	2,187	4,111	5,837	104	89
1969	61,804	25,629	923	205	1,766	1,295	15,565	2,704	2,269	4,589	6,645	122	92
1970	66,633	27,974	1,025	229	1,895	1,412	16,682	2,857	2,133	4,953	7,245	148	80
1971	74,092	30,966	1,143	243	2,100	1,576	18,369	3,192	2,555	5,534	8,182	158	74
1972	83,767	34,822	1,301	287	2,436	1,810	20,823	3,564	2,767	6,267	9,417	193	80
1973	97,832	39,884	1,526	355	2,850	2,105	24,067	4,244	3,673	7,471	11,331	235	91
1974	116,867	47,080	1,903	400	3,375	2,539	28,980	4,985	4,519	9,019	13,687	293	107
1975	136,205	53,902	2,259	493	3,894	3,080	33,801	5,865	5,660	10,991	15,787	346	127
1976	155,343	60,959	2,582	547	4,416	3,460	39,204	6,473	6,199	12,783	18,187	398	135
1977^r	171,303	67,164	2,848	598	4,913	3,783	43,037	7,059	6,373	14,575	20,348	459	146
1978^r	190,067	74,178	3,064	701	5,500	4,176	47,398	7,759	7,091	16,787	22,749	509	155
1979^r	211,394	81,840	3,399	765	6,056	4,547	52,434	8,372	7,869	19,850	25,528	574	160
1980	237,272	91,002	3,679	874	6,692	5,016	59,144	9,133	8,757	23,030	29,111	665	169

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1) In current dollars.

2) Geographical distributions of only the main components of personal income are given, therefore, the provincial totals will not add to the Canadian total.

3) Income of Canadians temporarily abroad, including pay and allowances of Canadian Armed Forces abroad.

Source: Canaim, *Personal Income, Geographical Distribution.* (13-201)

Table 12.5

Personal Income[1] per Person, by Province, Canada, 1953-1980

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
							$					
1953	1,317	1,555	668	614	961	839	1,139	1,251	1,322	1,400	1,583	1,360
1954	1,290	1,550	689	683	987	867	1,146	1,217	944	1,273	1,583	1,444
1955	1,355	1,619	719	670	1,000	894	1,172	1,279	1,205	1,352	1,671	1,483
1956	1,463	1,724	783	859	1,053	962	1,262	1,419	1,368	1,531	1,774	1,903
1957	1,515	1,812	825	778	1,120	989	1,334	1,419	1,178	1,503	1,841	1,903
1958	1,560	1,856	836	830	1,157	1,025	1,357	1,545	1,297	1,624	1,811	1,788
1959	1,608	1,911	868	951	1,216	1,076	1,394	1,593	1,323	1,634	1,881	1,794
1960	1,656	1,951	920	942	1,265	1,127	1,443	1,647	1,478	1,653	1,909	1,750
1961	1,651	1,954	961	971	1,284	1,122	1,488	1,557	1,172	1,651	1,897	1,595
1962	1,764	2,062	987	1,065	1,334	1,169	1,573	1,721	1,644	1,761	1,975	1,550
1963	1,840	2,156	1,036	1,074	1,389	1,233	1,630	1,736	1,807	1,807	2,065	1,634
1964	1,933	2,267	1,099	1,174	1,466	1,324	1,745	1,851	1,634	1,856	2,190	1,667
1965	2,091	2,436	1,238	1,257	1,562	1,431	1,880	1,961	1,883	2,028	2,377	1,683
1966	2,303	2,680	1,379	1,385	1,722	1,587	2,055	2,117	2,143	2,306	2,570	1,860
1967	2,482	2,884	1,513	1,541	1,903	1,721	2,247	2,368	2,019	2,460	2,750	2,045
1968	2,690	3,146	1,654	1,718	2,060	1,893	2,394	2,598	2,278	2,698	2,914	2,311
1969	2,943	3,470	1,796	1,847	2,279	2,062	2,601	2,762	2,368	2,944	3,226	2,596
1970	3,129	3,706	1,983	2,082	2,423	2,252	2,774	2,906	2,267	3,105	3,405	2,960
1971	3,435	4,020	2,190	2,189	2,662	2,482	3,047	3,231	2,759	3,399	3,745	2,981
1972	3,842	4,459	2,455	2,540	3,064	2,828	3,440	3,596	3,027	3,782	4,202	3,386
1973	4,436	5,043	2,842	3,114	3,545	3,253	3,959	4,261	4,059	4,421	4,922	3,917
1974	5,226	5,843	3,518	3,478	4,156	3,882	4,733	4,950	5,021	5,238	5,761	4,883
1975	6,001	6,596	4,115	4,214	4,749	4,632	5,470	5,784	6,240	6,182	6,489	5,492
1976^r	6,756	7,376	4,627	4,636	5,327	5,111	6,288	6,334	6,731	6,955	7,372	6,219
1977^r	7,365	8,039	5,050	4,983	5,884	5,507	6,857	6,960	6,801	7,683	8,159	7,172
1978^r	8,096	8,785	5,385	5,746	6,532	6,009	7,556	7,504	7,480	8,591	8,992	7,831
1979^r	8,927	9,624	5,922	6,220	7,142	6,486	8,337	8,112	8,197	9,856	9,929	8,831
1980	9,913	10,614	6,343	7,048	7,845	7,085	9,370	8,876	9,028	11,067	11,027	10,231

1) In current dollars.

Source: Cansim, *Personal Income Per Person, Geographical Distribution, (13-201).*

Table 12.6

Personal Disposable Income[1], by Province, Canada, 1953-1980

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Terr.	Foreign Countries[2]
							$ Million						
1953	17,718	6,860	233	62	584	413	4,463	931	1,061	1,297	1,763	30	21
1954	17,868	7,090	250	66	610	431	4,628	919	754	1,227	1,838	35	20
1955	19,331	7,644	269	64	634	456	4,825	987	986	1,358	2,051	39	18
1956	21,307	8,273	298	81	674	495	5,325	1,107	1,141	1,584	2,254	55	20
1957	22,714	9,066	322	73	724	515	5,777	1,118	965	1,594	2,478	55	27
1958	24,313	9,745	338	79	753	531	6,139	1,246	1,071	1,793	2,536	53	29
1959	25,440	10,167	356	92	804	567	6,432	1,289	1,106	1,861	2,667	56	43
1960	26,567	10,529	380	90	832	600	6,751	1,349	1,251	1,940	2,740	56	49
1961	26,904	10,720	405	96	862	612	7,083	1,286	975	1,994	2,767	52	52
1962	29,340	11,533	424	106	908	646	7,633	1,451	1,403	2,188	2,930	55	63
1963	31,168	12,320	453	107	948	683	8,072	1,482	1,550	2,299	3,132	60	62
1964	33,049	13,106	487	120	1,000	735	8,727	1,588	1,385	2,386	3,390	62	63
1965	36,263	14,301	555	125	1,057	791	9,603	1,691	1,609	2,642	3,759	60	70
1966	39,901	15,850	615	136	1,142	864	10,419	1,785	1,819	2,984	4,149	68	70
1967	43,123	17,233	677	150	1,247	934	11,382	1,971	1,666	3,171	4,540	71	81
1968	46,820	18,855	740	167	1,354	1,030	12,077	2,166	1,897	3,515	4,867	85	67
1969	50,911	20,696	806	179	1,489	1,107	13,028	2,245	1,949	3,833	5,414	94	71
1970	54,009	22,189	888	201	1,572	1,187	13,760	2,342	1,789	4,042	5,861	118	60
1971	59,943	24,567	988	211	1,750	1,322	15,002	2,624	2,201	4,505	6,593	122	58
1972	68,100	27,893	1,117	249	2,017	1,522	16,990	2,949	2,378	5,121	7,652	150	62
1973	79,719	32,104	1,311	310	2,359	1,779	19,513	3,590	3,175	6,129	9,198	183	68
1974	94,545	37,853	1,609	341	2,760	2,101	23,305	4,162	3,822	7,289	11,000	227	76
1975	110,996	43,770	1,912	423	3,197	2,577	27,285	4,955	4,802	8,961	12,757	269	88
1976^{r}	125,510	49,126	2,158	464	3,613	2,864	31,392	5,400	5,194	10,278	14,612	313	96
1977^{r}	138,094	54,368	2,376	507	4,041	3,131	33,802	5,939	5,299	11,734	16,436	355	106
1978^{r}	154,623	60,664	2,565	604	4,576	3,504	37,545	6,661	5,992	13,540	18,459	395	118
1979^{r}	172,308	66,985	2,852	653	5,057	3,813	41,567	7,179	6,707	16,083	20,841	445	126
1980	192,572	74,037	3,057	745	5,542	4,169	46,799	7,755	7,406	18,663	23,759	508	132

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[1] Personal disposable income consists of total personal income less personal direct taxes and other current transfers to government from persons. The figures are in current dollars.

[2] Taxes and other transfers paid by Canadians temporarily abroad, with the exception of employer and employee contributions to public service pensions from the year 1951 on, cannot be estimated separately and are included in the provincial estimates.

Source: Cansim, *Personal Disposable Income, Geographical Distribution*, (13-201).

Table 12.7

Percentage Distribution of Low Income Families and Unattached Individuals and of Other Families and Unattached Individuals, by Region, 1976-1980

	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
			Per cent		
1976					
Families					
Low Income	32.0	11.0	29.5	16.8	10.6
Other	37.5	8.5	26.9	16.3	10.8
Unattached Individuals					
Low Income	34.0	8.2	27.6	19.0	11.2
Other	36.9	6.7	21.3	18.9	16.3
1977					
Families					
Low Income	32.1	10.7	30.4	16.8	10.0
Other	37.5	8.6	26.6	16.4	10.9
Unattached Individuals					
Low Income	33.3	8.8	26.2	18.2	13.5
Other	37.4	6.2	22.3	19.2	14.9
1978					
Families					
Low Income	31.4	12.4	31.1	16.4	8.8
Other	37.3	8.4	26.4	16.6	11.2
Unattached Individuals					
Low Income	36.1	8.5	24.4	18.0	13.0
Other	36.1	6.4	22.9	19.5	15.1
1979[1]					
Families					
Low Income	32.6	11.1	29.2	17.9	9.1
Other	37.1	8.5	26.5	16.6	11.3
Unattached Individuals					
Low Income	33.8	8.4	28.6	16.7	12.4
Other	37.2	6.6	21.1	20.0	15.2
1980					
Families					
Low Income	30.3	11.7	33.1	16.4	8.5
Other	37.1	8.5	26.0	17.0	11.4
Unattached Individuals					
Low Income	31.5	8.3	28.9	17.2	14.1
Other	37.7	6.7	21.4	19.8	14.3

1) Based on Revised Low Income Cut-offs. See definitions.

Source: SC, *Income Distributions by Size in Canada*, (13-207).
Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206).

Table 12.8

Incidence of Low Income Among Families and Unattached Individuals, by Region, 1975-1980[1]

	Ontario	Atlantic Provinces	Québec	Prairie Provinces	British Columbia
	Per cent				
1975					
Families	9.6	15.1	13.3	13.7	9.9
Unattached Individuals	33.3	45.2	45.1	37.0	35.6
1976					
Families	9.7	14.0	12.1	11.5	11.0
Unattached Individuals	32.5	38.9	40.4	34.4	26.4
1977					
Families	9.8	13.6	12.7	11.5	10.4
Unattached Individuals	34.1	45.2	40.6	35.5	34.5
1978					
Families	8.8	14.5	12.0	10.2	8.3
Unattached Individuals	34.9	41.8	36.4	33.2	31.6
1979r					
Families	9.3	13.3	11.4	11.2	8.6
Unattached Individuals	30.3	37.8	39.3	28.5	28.1
1980					
Families	8.1	12.9	12.1	9.4	7.5
Unattached Individuals	25.5	33.7	35.7	26.3	28.8

1) Based on Revised Low Income Cut-offs. See definitions

Source: SC, *Income Distributions by Size in Canada*, (13.207).
Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206)

Table 12.9

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1976-1980

	1976		1977		1978		1979		1980	
	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
					Per Cent					
Canada										
Under $3,000	24.6	1.9	22.1	2.3	15.9	1.4	11.2	1.6	10.0	2.8
$ 3,000-$ 4,999	20.3	4.8	21.1	3.9	24.0	3.0	23.6	2.3	16.3	
5,000- 6,999	12.0	7.0	9.6	5.8	10.3	5.3	10.2	4.1	15.9	3.0
7,000- 8,999	9.6	6.5	10.3	5.6	9.4	5.4	8.5	5.4	8.9	11.5
9,000- 10,999	13.9	6.5	12.5	5.4	12.8	4.9	12.5	4.6	10.4	
11,000- 11,999		3.4		2.9		2.5		2.3	9.6	
12,000- 12,999	8.6	3.7	9.9	3.2	8.7	2.7	11.2	2.3		1.9
13,000- 13,999		3.6		3.7		2.9		2.6		1.9
14,000- 14,999		4.1		3.5		3.2		2.5		2.3
15,000- 15,999	10.9	4.0	14.4	3.7	18.8	3.3	22.8	3.0	12.1	2.3
16,000- 16,999		4.8		4.0		3.1		2.8		2.5
17,000- 17,999		3.8		3.9		3.6		2.9		2.7
18,000- 19,999		7.6		7.6		7.0		6.1		5.2
20,000- 21,999		7.0		7.3		7.3		6.6	8.7	5.1
22,000- 24,999		8.6		8.8		9.7		9.5		8.1
25,000- 29,999		9.9		11.7		12.4		13.4		13.8
30,000- 34,999		5.4		7.0		8.6		9.9	8.0	11.1
35,000 and Over		7.4		9.8		13.7		18.2		25.8
Average Income	7,621	19,010	8,254	20,101	9,159	22,397	10,375	24,245	11,403	27,398
Median Income	5,795	16,960	6,356	18,565	6,979	20,463	8,173	22,313	8,761	25,244
No. of Records	2,833	9,901	9,170	27,975	3,522	10,661	9,385	28,101	4,136	11,204

Table 12.9 (cont'd.)

Percentage Distribution of Families and Unattached Individuals by Income Group, Canada and Ontario, Selected Years, 1976-1980

	1976		1977		1978		1979'		1980	
	Unattached individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families	Unattached Individuals	Families
					Per Cent					
Ontario										
Under $3,000	22.9	1.8	20.2	1.9	17.0	1.2	11.4	1.6	9.9	2.7
$ 3,000-$ 4,999	18.6	4.6	19.5	3.5	22.0	2.7	20.7	2.2	11.8	
5,000- 6,999	11.7	5.5	9.6	4.2	10.0	4.7	9.7	3.3	16.9	2.1
7,000- 8,999	9.0	6.1	9.6	4.7	8.3	4.0	9.0	4.8	8.4	9.7
9,000- 10,999	15.2	5.8	12.4	4.5	11.5	4.1	12.1	3.6	11.2	
11,000- 11,999		2.9		2.3		2.2		2.3	10.7	
12,000- 12,999	10.5	3.0'	11.5	2.8	8.3	2.0	11.3	1.7		1.6
13,000- 13,999		3.4		3.3		2.9		2.3		1.8
14,000- 14,999		3.7		3.5		3.4	25.8	2.5		2.0
15,000- 15,999	12.2	3.3	17.0	3.8	22.6	3.1		2.7	13.6	1.4
16,000- 16,999		5.7		4.1		2.7		2.3		2.0
17,000- 17,999		3.7		4.0		3.4		2.6		2.6
18,000- 19,999		7.8		8.1		7.6		6.1		4.9
20,000- 21,999		7.4		7.6		7.3		6.2	8.3	5.3
22,000- 24,999		9.6		9.0		10.7		10.4		8.3
25,000- 29,999		11.8		12.6		13.3		14.7	9.3	15.1
30,000- 34,999		5.9		8.1		8.7		10.4		12.4
35,000 and over		8.0		12.1		15.9		20.3		28.3
Average Income	8,181	20,128	8,738	21,600	9,628	23,748	10,845	25,298	12,075	28,854
Median Income	6,395	18,115	7,115	19,847	7,184	21,639	8,840	23,688	9,773	26,906
No. of Records	879	2,785	1,759	5,449	1,012	3,005	1,813	5,457	287	3,403

Source: SC, *Income Distributions by Size in Canada*, (13-207)
Income Distributions by Size in Canada, Preliminary Estimates, 1979, (13-206)

Table 12.10
Minimum Hourly Wages, Ontario, 1965-1981

		General Workers	Construction Workers	Students
			$	
1965[1]	(December 27)	1.00	1.25	.80
1969	(January 1)	1.30	1.55	1.00
1970	(October 1)	1.50	1.75	1.15
1971	(April 1)	1.65	1.90	1.30
1973	(February 1)	1.80	2.05	1.45[2]
1974	(January 1)	2.00	2.25	1.65
	(October 1)	2.25	2.50	1.90
1975	(May 1)	2.40	2.65	2.00
1976	(March 15)	2.65	2.90	2.15
1978	(August 1)	2.85	3.15	2.15
1979	(January 1)	3.00	3.25	2.15
1981	(March 31)	3.30	3.55	2.45
	(October 1)	3.50	3.75	2.65

1) Zones and sex in regard to minimum wage were eliminated as of December 27, 1965.

2) Since February 1, 1973, the student minimum wage has applied only to students under 18 years of age; there was no age restriction prior to this date.

Source: Ministry of Labour, Research Branch.

Table 12.11

Average Weekly Earnings by Industry, Ontario, 1962-1981

	Industrial Composite	Forestry	Mining, including Milling	Manufacturing	Construction	Transp., Communication and other Utilities	Trade	Finance, Insurance, and Real Estate	Service
				Annual Averages ($)					
1962	83.65	95.36	97.40	88.47	91.25	88.49^r	68.06	76.79	61.38
1963	86.22	93.10	99.36	91.70	96.38	92.12^r	70.16	79.13	62.92
1964	89.82	98.65	102.55	95.48	101.74	96.02^r	72.08	83.34	65.34
1965	94.41	101.30	108.08	100.18	112.18	102.01	74.24	90.98	68.52
1966	99.40	109.86	115.35	104.95	123.34	106.15^r	78.61	95.97	72.28
1967	105.86	123.90	127.89	111.35	132.14	116.55^r	82.94	102.01	77.56
1968	113.54	124.97	138.67	120.00	142.42	127.05	87.85	109.36	82.63
1969	121.56	139.89	148.24	129.15	155.31	137.68	94.05	117.33	87.62
1970	131.52	146.83	166.40	140.13	175.00	148.46	100.84	124.49	94.70
1971	143.04	168.54	177.52	152.14	197.66	161.06	110.25	134.26	103.51
1972	154.92	193.37	188.98	165.18	222.43	175.93	118.68	145.54	112.15
1973	165.70	221.66	206.58	176.98	236.87	188.78	126.21	159.64	120.66
1974	181.43	242.37	229.12	193.52	258.68	210.48	138.32	177.21	130.84^r
1975	204.85	281.02	265.82	220.23	286.29	241.32	155.64	197.64	147.96
1976	228.72	318.30	303.38	249.12	318.91	267.62	170.95	216.77	163.47
1977	249.46	358.40	329.32	273.73	353.32	292.76	184.94	233.80	174.49
1978^r	264.04	345.69	348.31	293.11	373.96	314.72	195.90	252.37	181.12
1979	285.57	378.47	383.34	318.28	405.68	342.64	211.42	274.96	193.82
1980	311.46	409.65	428.29	347.16	445.39	380.32	228.51	305.88	210.06
1981^p	311.45	458.91	488.84	389.55	496.02	421.79	258.83	358.16	233.09

Source: SC, *Employment, Earnings and Hours*

Table 12.12

Average Weekly Earnings, Industrial Composite, Manufacturing and Mining, Canada and Ontario, 1950-1981

	Industrial Composite		Manufacturing		Mining (including Milling)	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			$			
1950	45.08	46.58	46.49	48.40	54.27	..
1951	50.04	51.69	51.68	53.80	60.33	..
1952	54.41	56.36	56.36	59.04	65.79	..
1953	57.53	59.66	59.29	62.31	68.91	..
1954	59.04	61.36	61.15	64.25	70.67	..
1955	61.05	63.55	63.48	66.70	73.53	..
1956	64.44	66.86	66.71	70.11	78.01	..
1957	67.90	70.63	70.27	73.79	83.58	..
1958	70.35	73.21	73.10	76.65	86.14	..
1959	73.40	76.48	76.51	80.38	90.41	..
1960	75.76	78.74	78.88	82.81	93.19	..
1961[1]	78.24	81.30	81.55	85.77	95.57	96.91
1962	80.54	83.65	84.00	88.47	98.53	97.40
1963	83.27	86.22	86.90	91.70	101.96	99.36
1964	86.51	89.82	90.42	95.48	105.73	102.55
1965	91.01	94.41	94.78	100.18	111.53	108.08
1966	96.34	99.40	100.16	104.95	119.51	115.35
1967	102.83	105.86	106.54	111.35	129.81	127.89
1968	109.90	113.54	114.44	120.00	139.16	138.67
1969	117.83[r]	121.56	122.97	129.15	148.93	148.24
1970	126.78[r]	131.52	132.75	140.13	164.70	166.40
1971	137.64	143.04	143.99	152.14	177.00	177.52
1972	149.22	154.92	156.10	165.18	190.29	188.98
1973	160.46	165.70[r]	167.48	176.98	211.42	206.58
1974	178.09	181.43	185.62	193.52	238.97	229.12
1975	203.34	204.85	213.43	220.23	280.44	265.82
1976	228.03	228.72	241.19	249.12	317.13	303.36
1977	249.95	249.46	266.04	273.73	348.12	329.32
1978[r]	265.37	264.04	285.67	293.11	376.40	348.31
1979	288.25	285.57	311.19	318.28	419.39	383.34
1980	317.39	311.46	342.19	347.16	468.60	428.29
1981[p]	355.30	311.45	383.83	389.55	534.43	488.84

[1] Statistics from 1961 onward are based on the 1960 Standard Industrial Classification and are not comparable with earlier data.

Source: SC, *Employment, Earnings and Hours.*

Table 12.13

Average Weekly Earnings, Industrial Composite and Manufacturing, by Selected Urban Area, Ontario, 1970-1981

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981^{P}
							$					
Toronto												
Industrial Composite	133.67	144.88	156.51	166.81	182.36	206.09	228.10	247.52	262.31	283.69	310.66	348.50
Manufacturing	139.63	151.46	163.69	173.84	190.03	216.66	242.02	263.97	282.15	307.59	335.85	376.48
Hamilton												
Industrial Composite	135.49	147.65	159.90	170.85	186.42	211.42	237.95	257.83	276.05	300.66	323.98	357.28
Manufacturing	149.82	161.87	177.20	190.37	206.49	237.56	270.88	295.22	320.19	348.58	378.10	427.60
Kingston												
Industrial Composite	121.24	132.28	143.00	152.94	169.44	190.52	212.85	229.39	240.09	258.75	280.06	315.89
Manufacturing	143.00	158.45	169.98	181.88	204.22	232.48	264.61	287.58	308.68	329.47	366.74	422.39
London												
Industrial Composite	121.41	132.56	144.42	154.86	171.57	193.92	213.28	229.99	244.97	265.13	288.12	319.98
Manufacturing	132.06	144.28	155.78	167.76	187.57	215.43	236.51	257.34^{r}	281.55	311.14	339.98	376.86
Ottawa-Hull												
Industrial Composite	119.17	130.21	142.46	151.09	165.13	186.07	208.62	225.28	239.64	259.89	284.17	318.69
Manufacturing	144.10	152.12	163.13	172.76	190.04	218.03	244.58	269.04	290.47	319.54	355.54	403.34
Thunder Bay												
Industrial Composite	124.69	141.58	149.81	158.70	178.31	203.29	240.11	259.75	274.06	303.06	324.71	357.21
Manufacturing	141.17	153.56	166.56	183.39	206.23	231.39	282.04	315.55	335.64	365.66	394.01	453.06
Windsor												
Industrial Composite	150.80	163.30	183.33	201.17	210.97	229.37	261.70	287.90	305.19	317.79	343.30	378.24
Manufacturing	172.01	187.15	209.58	232.01	244.20	267.43	306.88	341.36	363.00	376.48	423.59	464.50

Source: SC, *Employment, Earnings and Hours*.

Table 12.14

Basic Construction Union Wage Rates[1], by Selected City, Ontario, 1981-1982

	London		Ottawa		Hamilton		Toronto		Sarnia	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
				$						
Carpenter	12.73	13.82	13.41	14.37	13.62	14.70	13.67	14.58	13.69	14.78
Crane Operator	13.22	14.08	13.31	14.17	14.13	14.99	13.45	14.31	14.24	15.10
Cement Finisher	11.70	12.38	11.87	12.55	11.68	12.36	12.15	12.84	13.00	13.68
Electrician	13.45	14.80	13.80	14.80	15.63	16.76	14.21	15.53	14.45	15.54
Labourer	11.07	11.83	10.16	10.75	10.79	11.56	11.71	12.47	11.69	12.39
Plumber	13.61	14.61	13.55	14.55	14.34	15.33	14.35	15.26	14.14	15.13
Reinforcing Steel Erector	11.50	12.41	13.01	13.85	12.77	13.36	12.56	13.14	11.93	12.79
Structural Steel Erector	12.30	13.20	12.85	13.70	13.30	14.38	13.30	14.15	12.30	13.20
Sheet Metal Worker	12.92	14.05	13.51	14.66	14.25	15.39	13.63	14.54	14.39	15.53
Heavy Equipment Operator	12.59	13.45	12.76	13.63	13.67	14.54	12.91	13.78	13.23	14.09
Bricklayer	13.38	14.42	12.96	13.99	13.33	14.33	13.27	14.24	12.92	13.92
Painter	10.80	11.51	10.29	10.90	11.77	12.55	11.90	12.61	13.17	14.32
Plasterer	12.80	13.50	11.83	12.46	11.92	12.74	12.81	13.63	13.00	13.64
Roofer	11.03	11.94	10.57	11.30	12.54	13.45	13.82	14.73	12.18	13.09
Truck Driver	11.44	12.30	10.73	11.59	10.57	11.44	11.11	11.91	12.07	12.83
Asbestos Mechanic	14.20	15.15	12.37	13.32	14.26	15.15	14.20	15.15	14.20	15.15

[1] As of April.

Source: SC, *Prices Division, Industrial Prices Sub-division*

Table 12.15

Percentage of Office Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1968-1980[1]

	Survey Coverage		Vacation with Pay						
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	Number of Weeks					
				1	2	3	4	5	6
				Per cent					
1968									
Canada	22,953	1,201,492	100	60	85	93	80	15	1
Ontario	9,194	540,815	100	63	85	94	80	16	1
1969									
Canada	22,986	1,234,264	100	56	83	94	82	19	1
Ontario	9,266	580,539	100	63	84	94	82	22	2
1970									
Canada	23,806	1,120,404	100	64	95	94	84	18	2
Ontario	9,606	522,032	100	66	96	95	85	20	2
1971									
Canada	22,715	1,132,915	100	62	92	95	86	27	3
Ontario	9,186	519,892	100	67	97	96	87	30	3
1972									
Canada	21,073	1,136,643	100	52	81	96	87	44	3
Ontario	8,520	527,803	100	54	83	96	88	49	4
1973									
Canada	21,261	1,147,573	100	48	77	95	88	51	4
Ontario	8,682	538,132	100	51	74	96	88	59	5
1974									
Canada	18,902	1,143,080	100	48	75	97	90	55	8
Ontario	7,830	530,471	100	47	73	97	90	63	10
1975									
Canada	17,261	1,165,679	100	41	74	97	92	59	13
Ontario	7,102	507,429	100	45	77	96	92	63	12
1976									
Canada	17,497	1,252,230	100	35	71	98	93	67	14
Ontario	7,185	585,728	100	38	71	98	93	68	15
1977									
Canada	15,246	1,261,728	100	..	70	98	95	76	16
Ontario	6,314	570,010	100	..	70	99	95	77	16
1978									
Canada	15,102	1,217,747	100	..	68	96	95	80	18
Ontario	6,086	548,815	100	..	70	99	95	80	17
1979									
Canada	14,623	1,269,118	100	..	69	95	95	82	17
Ontario	5,829	561,328	100	..	71	98	95	81	16
1980									
Canada	14,118	1,310,926	100	..	82	92	96	86	22
Ontario	5,575	584,715	100	..	72	99	96	85	19

[1] All percentages in this table are proportioned of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.16

Percentage of Non-Office[1] Employees Who Receive Annual Vacations with Pay, Industrial Composite, Canada and Ontario, 1968-1980[2]

	Survey Coverage			Vacation with Pay					
				Number of Weeks					
	Total Number of Reporting Units	Total Number of Employees	Provide Vacations with Pay	1	2	3	4	5	6
						Per cent			
1968									
Canada	21,806	2,246,546	99	62	92	84	64	14	1
Ontario	8,719	957,206	100	71	96	86	66	18	1
1969									
Canada	21,381	2,246,113	99	56	93	83	66	18	2
Ontario	8,644	964,373	99	69	95	84	67	23	3
1970									
Canada	22,177	1,913,506	98	56	93	83	69	21	2
Ontario	9,006	835,535	99	66	95	85	71	25	3
1971									
Canada	21,297	1,929,928	99	51	94	85	71	31	3
Ontario	8,647	832,808	99	63	97	87	73	34	5
1972									
Canada	19,648	1,871,012	99	47	92	86	72	41	4
Ontario	7,975	811,257	100	60	97	88	75	47	6
1973									
Canada	19,664	1,920,668	99	48	91	88	74	46	5
Ontario	8,059	828,105	100	61	93	89	76	51	7
1974									
Canada	17,525	1,779,656	100	42	91	89	77	51	12
Ontario	7,209	782,781	100	48	95	90	79	56	13
1975									
Canada	15,937	1,692,355	100	36	85	91	82	56	18
Ontario	6,545	715,284	100	41	92	92	82	60	19
1976									
Canada	15,956	1,707,031	100	34	90	92	84	60	21
Ontario	6,589	741,517	100	37	94	93	84	62	23
1977									
Canada	13,882	1,588,684	100	. .	89	93	86	64	23
Ontario	5,775	686,760	100	. .	94	94	86	66	24
1978									
Canada	13,898	1,544,733	100	. .	89	91	86	66	25
Ontario	5,644	679,236	100	. .	94	94	86	68	27
1979									
Canada	13,391	1,587,212	100	. .	88	90	86	69	27
Ontario	5,403	701,481	100	. .	93	94	87	70	28
1980									
Canada	12,853	1,620,759	100	. .	87	93	89	73	31
Ontario	5,155	714,397	100	. .	93	95	90	75	31

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1) Includes all major industries except agriculture, fishing, hunting, trapping, construction, and the non-logging part of forestry.
2) All percentages in this table are proportioned of the number of employees in reporting units which practise these actual vacation benefits given under "Survey Coverage".

Source: Labour Canada, *Working Conditions in Canadian Industry*.

Table 12.17
Total Income and Taxable Income, by Region, Canada, 1972-1980

Taxable and Non-Taxable Returns	Canada	Ontario	Atlantic Region	Québec	Prairie Region	British Columbia	Northwest Terr. Yukon and Non-Residents
1972							
Number of Returns	10,382,005	4,182,099	828,536	2,581,164	1,632,169	1,117,048	40,989
Total Income ($ Million)	66,248.6	27,979.6	4,408.5	16,226.1	9,644.3	7,691.9	298.1
Taxable Income ($ Million)	39,208.0	17,313.4	2,251.5	9,309.3	5,436.7	4,710.9	186.3
1973							
Number of Returns	11,557,849	4,645,417	927,687	2,852,374	1,822,377	1,261,286	48,708
Total Income ($ Million)	94,352.2	38,502.1	6,427.7	22,957.9	14,698.8	11,341.4	424.3
Taxable Income ($ Million)	58,104.6	24,267.4	3,583.8	13,861.9	8,852.5	7,261.7	277.3
1974							
Number of Returns	11,602,170	4,662,421	929,869	2,864,702	1,829,024	1,265,832	50,322
Total Income ($ Million)	94,785.1	38,664.7	6,447.3	23,088.5	14,765.8	11,388.0	430.9
Taxable Income ($ Million)	58,378.6	24,370.9	3,595.4	13,944.3	8,894.9	7,291.8	281.3
1975							
Number of Returns	12,002,400	4,784,138	961,979	2,952,742	1,922,723	1,328,298	52,520
Total Income ($ Million)	110,703.7	44,234.6	7,658.9	27,005.0	18,008.6	13,288.3	508.3
Taxable Income ($ Million)	68,519.9	27,774.6	4,362.1	16,449.2	11,084.7	8,522.4	327.1
1976							
Number of Returns	12,342,712	4,909,113	977,068	3,026,349	2,016,945	1,359,592	53,645
Total Income ($ Million)	127,295.1	50,370.1	8,708.4	31,462.7	20,856.4	15,324.1	573.3
Taxable Income ($ Million)	78,627.2	31,439.0	4,958.9	19,267.2	12,774.6	9,818.0	369.5
1977							
Number of Returns	12,585,891	4,995,253	1,004,327	3,071,543	2,066,068	1,393,985	54,715
Total Income ($ Million)	139,879.5	55,346.5	9,584.2	34,392.5	23,012.6	16,882.6	661.0
Taxable Income ($ Million)	85,971.3	34,348.7	5,414.4	20,986.4	14,045.4	10,751.6	424.9
1978							
Number of Returns	14,320,313	5,510,405	1,204,493	3,591,855	2,381,482	1,571,858	60,220
Total Income ($ Million)	157,031.1	61,691.0	10,746.3	38,272.4	26,435.7	19,157.0	710.5
Taxable Income ($ Million)	97,070.4	38,443.3	6,120.3	23,420.3	16,311.7	12,314.0	460.8
1979							
Number of Returns	14,682,155	5,631,707	1,224,388	3,647,245	2,462,603	1,638,467	77,745
Total Income ($ Million)	177,340.9	69,002.0	11,977.6	42,326.1	30,813.8	22,203.0	1,018.4
Taxable Income ($ Million)	108,996.6	42,691.0	6,784.6	25,583.0	19,152.1	14,119.2	666.6
1980							
Number of Returns	14,764,878	5,460,890	1,238,963	3,704,713	2,571,037	1,710,997	78,278
Total Income ($ Million)	202,512.8	76,752.0	13,251.3	48,911.8	36,211.0	26,256.5	1,130.1
Taxable Income ($ Million)	126,840.4	48,424.9	7,547.7	30,218.8	22,937.0	16,968.1	743.9

Source: Revenue Canada, *Taxation Statistics*.

Table 12.18

Taxable Returns, by County[1], Ontario, 1979 and 1980

	1979			1980		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's	
Ontario	3,596,775	61,652,578	10,500,705	3,695,124	69,781,193	12,098,278
Algoma District	49,595	878,939	153,108	51,429	1,002,283	177,240
Brant	41,049	663,817	107,741	41,797	730,019	118,295
Bruce	22,567	383,246	62,361	22,892	421,816	68,483
Cochrane District	33,943	563,386	94,128	35,529	665,246	114,650
Dufferin	10,765	177,090	29,139	11,212	203,268	33,936
Dundas	6,849	104,383	15,775	6,951	115,378	17,703
Durham R.M.[2]	113,798	1,983,862	346,336	117,539	2,259,757	399,097
Elgin	28,070	421,958	63,463	28,306	463,091	70,594
Essex	124,735	2,210,720	382,652	123,884	2,356,317	394,915
Frontenac	42,244	696,595	113,339	43,146	778,229	128,670
Glengarry	5,869	87,817	13,168	6,040	99,591	15,268
Grenville	10,233	155,181	23,705	10,456	174,282	27,056
Grey	24,894	366,213	52,729	25,143	405,716	59,286
Haldimand Norfolk R.M.[2]	34,228	541,201	86,483	34,589	594,476	95,685
Haliburton	3,423	47,275	6,397	3,558	53,013	14,899
Halton R.M.[2]	108,507	2,149,744	406,442	112,671	2,452,175	471,877
Hamilton Wentworth R.M.[2]	170,472	2,894,708	490,052	174,071	3,246,321	557,195
Hastings	40,090	611,545	92,232	40,890	683,923	104,790
Huron	18,104	282,019	41,962	18,360	308,749	45,368
Kenora District	19,571	323,428	53,720	20,010	367,203	62,159
Kent	44,006	727,800	117,488	43,991	782,264	126,422
Lambton	46,371	839,467	146,080	48,308	969,012	172,861
Lanark	18,098	264,899	39,314	18,438	296,543	44,287
Leeds	21,060	328,314	51,448	21,411	365,563	58,081
Lennox & Addington	13,405	201,681	30,077	13,527	222,629	33,871
Manitoulin	2,526	34,607	4,768	2,607	39,360	5,561
Middlesex	133,680	2,229,154	368,347	136,287	2,489,299	418,649
Metropolitan Toronto	1,017,368	17,818,768	3,126,376	1,041,081	20,279,560	3,653,292
Muskoka	13,259	196,239	28,557	13,691	221,269	32,745
Niagara R.M.[2]	143,208	2,453,003	408,887	146,305	2,716,610	454,573
Nipissing District	27,458	430,564	67,088	28,185	487,964	33,839
Northumberland	22,024	341,797	51,953	22,494	382,225	58,744
Ottawa-Carleton R.M.[2]	249,114	4,645,663	817,270	254,501	6.052.057	1,053,993
Oxford	34,628	543,279	83,820	34,881	590,030	91,488
Parry Sound District	10,662	151,069	21,241	10,893	170,982	24,675
Peel R.M.[2]	206,329	3,690,288	671,108	220,618	4,337,005	799,810
Perth	26,400	401,351	60,102	26,563	434,644	65,811
Peterborough	38,327	603,567	92,634	39,682	691,851	109,200
Prescott	10,034	153,069	24,023	10,210	171,796	27,639
Prince Edward	7,356	108,943	15,837	7,554	123,548	18,415
Rainy River District	8,128	138,395	22,609	8,055	144,737	23,059
Renfrew	31,990	477,370	70,869	32,247	530,998	79,950
Russell	7,961	118,617	17,926	8,059	128,997	19,449
Simcoe	83,983	1,279,807	196,015	74,560	1,258,153	198,483
Stormont	23,339	352,610	54,949	23,526	384,794	60,074
Sudbury District	7,980	126,820	20,109	8,192	147,595	24,473
Sudbury R.M.[2]	59,222	953,850	152,839	62,018	1,156,646	196,048
Thunder Bay District	64,644	1,136,726	199,505	65,662	1,258,241	221,701
Timiskaming District	13,417	207,382	31,521	13,888	239,003	37,812
Victoria	16,366	241,776	34,819	16,948	277,709	40,882
Waterloo R.M.[2]	132,854	2,131,101	344,774	135,494	2,374,778	387,181
Wellington	51,240	829,580	132,999	52,645	937,300	153,584
York R.M.[2]	101,301	1,950,987	360,253	111,790	2,402,287	453,729

1) County definitions have been updated.
2) R.M. = Regional municipality.

Source: Revenue Canada, *Taxation Statistics*.

Table 12.19

Taxable Returns, by Selected City, Ontario, 1975-1980

	1975			1976			1977		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's			$'000's	
Toronto	997,865	12,973,273	2,437,693	1,043,367	14,796,548	2,698,022	1,036,004	15,910,406	2,829,375
Hamilton[1]	155,067	1,964,360	346,290	161,667	2,200,685	378,767	152,199	2,286,298	389,780
Ottawa	207,993	2,787,845	507,695	200,162	3,034,960	549,034	213,940	3,494,306	623,738
London	102,512	1,294,471	227,429	106,397	1,467,943	252,010	106,504	1,566,824	259,634
Windsor	90,171	1,177,175	203,269	96,076	1,401,205	241,451			
Mississauga	96,220	1,315,501	254,568	97,652	1,483,399	282,989	111,667	1,793,766	327,621
Kitchener[2]	78,996	942,650	159,541	78,629	1,045,894	177,269	79,726	1,140,553	188,405
St. Catharines	52,025	660,432	113,748	55,370	790,369	136,517	57,610	894,273	152,236
Thunder Bay	42,957	540,827	94,451	48,891	694,057	123,698	49,673	777,082	135,445
Oshawa	45,677	584,153	103,441	46,090	660,198	119,614	45,288	701,589	123,760
Sudbury[3]	51,419	659,084	116,670	56,210	815,539	143,119	53,161	831,667	142,726
Sault Ste. Marie	26,852	357,687	63,679	32,052	450,054	76,992	32,351	508,086	87,141
Niagara Falls	24,810	292,616	48,060	27,405	364,818	59,805	28,988	410,947	66,161
Brantford	30,193	363,873	62,417	30,099	404,892	69,095	31,419	457,531	75,152
Oakville	28,413	427,406	86,872	27,629	464,671	93,919	28,278	517,912	100,769
Guelph	29,148	354,789	61,034	27,053	374,967	64,596	30,495	433,947	71,550
Kingston	37,142	470,549	83,585	36,555	509,681	87,459	35,837	531,638	87,592
Peterborough	25,038	308,274	51,760	28,845	386,466	62,183	26,798	383,350	60,997
Sarnia	29,602	408,782	76,421	31,672	490,264	92,018	32,174	567,505	108,208
North Bay	16,464	201,990	35,232	16,904	242,348	40,687	17,540	260,946	41,616
Cornwall	16,432	182,542	28,616	16,505	205,908	32,247	17,357	231,963	35,797
Welland	18,604	223,529	37,735	17,272	227,912	36,777	16,217	240,332	39,392
Brampton	24,697	308,628	56,539	28,223	386,724	69,579	31,011	462,444	80,362
Cambridge[4]	30,488	335,256	53,320	32,809	401,771	64,373	30,836	411,812	64,861

Table 12.19 (cont'd.)

Taxable Returns by Selected City, Ontario, 1975-1980

	1978			1979			1980		
	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable	Number of Taxable Returns	Total Income	Total Tax Payable
		$'000's			$'000's			$'000's	
Toronto	949,192	15,685,612	2,699,855	502,881	8,671,470	1,505,490	1,041,080	20,279,526	3,653,287
Hamilton[1]	134,879	2,124,789	348,463	130,438	2,158,791	360,392	132,505	2,405,553	406,805
Ottawa	217,193	3,872,019	679,559	220,340	4,124,220	726,706	191,560	3,944,371	701,478
London	108,689	1,745,750	286,138	112,013	1,877,490	313,029	114,276	2,099,657	356,820
Windsor	95,759	1,680,891	296,720	84,032	1,500,983	261,995	82,776	1,583,145	273,786
Mississauga	114,964	1,975,529	356,557	133,641	2,436,128	447,922	142,444	2,855,304	533,127
Kitchener[2]	80,153	1,262,050	204,441	84,690	1,382,838	227,569	86,645	1,542,490	256,155
St. Catharines	55,660	945,132	160,365	49,621	879,240	150,848	50,438	966,173	166,078
Thunder Bay	48,793	815,112	140,462	51,933	909,668	158,890	52,655	1,001,591	175,212
Oshawa	46,029	767,183	132,296	49,060	853,514	149,531	49,880	950,574	167,471
Sudbury[3]	49,740	781,628	123,957	36,189	590,554	96,041	38,033	713,103	121,855
Sault Ste. Marie	31,062	524,426	88,961	33,554	599,398	104,395	34,319	669,900	117,607
Niagara Falls	25,890	406,340	65,936	28,076	457,363	74,751	28,649	503,405	82,153
Brantford	31,108	478,200	75,836	33,432	543,692	88,763	33,962	595,282	96,764
Oakville	29,568	585,241	112,810	32,535	684,064	134,055	33,786	784,544	157,085
Guelph	29,933	473,668	76,557	32,435	534,892	87,744	33,311	604,888	101,738
Kingston	36,308	582,019	94,990	34,708	583,790	96,328	35,554	654,466	109,905
Peterborough	26,793	412,544	63,791	28,820	460,681	72,013	29,679	526,757	84,588
Sarnia	31,534	570,878	102,791	27,930	521,176	93,459	29,012	601,596	110,795
North Bay	17,820	277,864	43,546	19,838	320,788	50,992	20,464	364,042	59,178
Cornwall	17,003	250,491	39,158	18,749	283,514	44,678	18,864	308,767	48,810
Welland	17,278	272,267	43,824	18,619	310,594	51,420	18,936	341,662	56,530
Brampton	34,004	541,474	92,913	62,316	1,047,497	183,965	67,318	1,241,623	220,397
Cambridge[4]	31,987	462,138	70,961	34,505	520,139	82,022	34,920	578,738	91,962

1) 1974 figures for Hamilton also include Wentworth County and Burlington which is in Halton County.
2) Includes Waterloo.
3) Includes Copper Cliff.
4) Cambridge consists of Galt, Hespeler and Preston.

Source: Revenue Canada, *Taxation Statistics*.

Section
13

Prices

Highlights

- (All price indexes are based on 1971 = 100, except the Raw Material Index, 1977 = 100).
- **Consumer Prices** – The all-items consumer price index in 1981 stood at 236.9, an increase of 12.5% from 1980. The increases in the all-items indexes for Ottawa, Thunder Bay and Toronto were respectively 11.8%, 11.7% and 12.5%. The greatest change in any of the indexes given for Canada was for transportation with a 18.4% increase. For this item the three cities had increases of 17.9%, 18.2% and 18.8% respectively. The other indexes for Canada showed increases as follows – Food 11.4%, Housing 12.4%, Clothing 7.1%, Health and Personal Care 10.9%, Recreation, Reading and Education 10.1%, Tobacco and Alcohol 12.9%.
- **Farm Prices** – The 1981 farm output prices index stood at 262.6 for Ontario, an increase of 8.9% from the previous year and at 293.5 for Canada, an increase of 6.2%. Ontario crops were up 11.4% from 1980 and livestock 8.0%. Canadian crops increased by 4.0% from 1980 and livestock by 7.9%.

  The 1981 farm input price index stood at 289.8 for Canada, an increase of 12.6% from 1980. The largest increase in farm input prices from 1980 to 1981 was for interest payments (31.4% for Canada), followed by a 17.8% increase in the price of machinery and motor vehicles in Canada. Canadian farm property taxes showed a 5.7% increase from 1980 to 1981 (Eastern Canada 8.0% increase, Western Canada 4.2% increase). Farm rent increased 9.2% for Canada; 5.1% in Eastern Canada and 11.1% in Western Canada. Hired farm labour increased 7.5% in Canada (Eastern Canada 7.9%, Western Canada 6.9%).
- **Construction Prices** – The Canadian residential building index rose 9.7% to 244.3 in 1981. This compares with an increase of 9.3% to 236.4 for Ontario. Non-residential building indexes rose 9.6% to 256.4 for Canada and 9.1 to 245.4 for Ontario. The Canadian building materials index increased 9.9% to 236.5 for residential building and 9.9% to 253.1 for non-residential building. In Ontario the residential building materials index stood at 234.1 in 1981, an increase of 10.1% from the previous year. The Canadian building labour index increased 9.4% for residential building and 9.2% for non-residential building. In Ontario the building labour index rose 8.1% for residential building and 8.0% for non-residential building.

  New housing prices changed by the following percentages in 1981 – Montreal 13.7%, Toronto – 17.1%, Ottawa-Hull 11.5%, Winnipeg 7.7%, Calgary 10.2%, Edmonton 5.5%.
- **Industry, Secondary Metals and Energy Prices (Canada)** – The total industry selling price index was 272.3 in 1981, an increase of 10.2% from 1980. The increase (80-81) for the food and beverage price index was 8.5% and for the total non-food index it was 10.5%. For the ferrous scrap materials purchase price index there was a 5.0% increase to 254.3 and for the non-ferrous scrap a 8.9% decrease to 231.2. From 1980 to 1981 the energy selling prices showed an increase of 11.0% to 309.9 for over 5,000 kw electric power and 7.6% to 233.6 for under 5,000 kw electric power. The selling price index for petroleum refineries advanced 36.3% to 559.8 from 1980 to 1981.
- **Raw Materials Prices (Canada)** – The all-items raw materials price index advanced 19.2% from 1980 to 1981 and 0.8% for the "without fuels" category. The greatest increase, 46.6% in the raw materials commodity indexes was for fuels. This was followed by 15.7% for non-metallic minerals and by 13.3% for textiles. Decreases occurred for non-ferrous materials – 18.4% and vegetables – 1.1%.
- **Trade Price Indexes** – Canadian import prices rose 14.7% in 1981 and export prices 8.8%. Highest increases were for crude materials inedible 17.7% (Imports) and end-products inedible 17.5% (Imports). The corresponding export price increases were 10.3% and 11.1% respectively. For other commodity groups increases were as follows (Imports first): food, feed, beverage and tobacco, 1.4%, 8.5%; live animals 0.0%, 0.0%; and, fabricated materials inedible, 10.2%, 5.6%.

  The crude materials inedible index stood at the highest level in 1981 for both imports (964.8) and exports (730.7). These figures compare with the all sections indexes of 349.8 for imports and 367.3 for exports.

- **Implicit Price Indexes, Gross National Expenditure** – The 1981 index for personal expenditure on consumer goods and services was 227.9, an increase of 11.1% from 1980. Government current expenditure on goods and services rose 12.0% to 285.0.

  Gross fixed capital formation indexes for government and business stood at 252.3 and 256.0, representing increases by 11.8% and 11.2% respectively. Implicit price indexes for exports and imports of goods and services were 304.2 and 291.8 respectively in 1981. These represented increases of 8.1% (Exports) and 11.2% (Imports).

  The Gross National Expenditure Index increased 10.0% in 1981 to 245.0.

- **Machinery and Equipment Price Indexes** – From 1979 to 1980 the average domestic and import price indexes for machinery and equipment for Canada showed 10.4% and 10.1% increases respectively. These figures compare with 11.3% (domestic) and 10.5% (import) for the previous year. In the first three quarters of 1981 successive increases in the index were 2.8%, 2.8% and 2.3% (domestic) and 2.9%, 2.2% and 2.3% (import).

Definitions

The Consumer Price Index for Canada — The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant "basket" of goods and services representing the purchases by a particular population group in a specified time period. The "basket" is an unchanging or equivalent quantity and quality of goods and services, consisting of items for which there are continually measurable market prices over time. Since the turn of the century the measurement of consumer price changes has involved eight distinct indexes, each incorporating consumer spending patterns appropriate to the period of its use. In view of recent, more rapid changes in lifestyle, and the phenomenon of higher and more persistant inflation in the 1970's, the practice of updating the CPI basket on a year-year cycle has been adopted.

Index Number of Farm Prices of Agricultural Products — Most of the price information used in compiling the index is obtained from reports furnished monthly by volunteer farm correspondents throughout Canada. The prices used in computing the index are, as closely as can be determined, the prices which are actually received by the farmers at the farm level. Subsidies, bonuses and premiums which can be attributed to specific products are all included in the prices, whereas storage, transportation, processing and handling charges which are not actually received by farmers are excluded. In reporting prices to the bureau, each month, price correspondents are asked to report the average prices prevailing in their neighbourhood, taking into account the various grades of each commodity marketed. Thus, average prices reported by these correspondents may differ from month to month as a result of changes in price, changes in quality marketed or a combination of both. In effect, this index is not a measure of pure price change but a measure of the change in returns to farmers per unit of product marketed.

Farm Input Price Indexes (FIPI) — Farm Input Price Indexes are designed to measure price movements of inputs used in Canadian farming. The current indexes are calculated for the period starting 1971.

The base-weighted indexes (Laspeyres' type) give an estimate of how much more or less it would cost to purchase a specified group of inputs at present as opposed to the base year. The weights are based on the 1971 estimates for farm expenditures.

Precautions should be exercised when using the indexes. Since the indexes assume a constant "basket" of goods, they should not be interpreted as a measure of production cost movement because of substitution effects and changes in productivity which might have taken place since 1971.

Building Construction Input Price Indexes — These measure price changes for labour and materials used in building construction. As measures of inputs they do not adjust for productivity changes involved in design or in putting the work in place. Neither are other elements affecting output prices covered, such as site preparation, overhead and profit. Materials prices used are manufacturers' new order selling prices for commodities, adjusted for changes in federal sales taxes. Labour rates are measured by the movement of basic union wage rates.

For residential building, weights are derived from a 1969 study by CMHC of material requirements for new houses, augmented by estimates of labour requirements by trade, to establish the relative importance of each trade and the material-labour ratio for each. Regional data are weighted according to information about housing starts in the reference period. All weights are expressed at 1971 prices. In the case of non-residential building, weights are derived from a cost analysis of a number of structures carried out in 1971 to establish the relative importance by trade of material and labour requirements. These were aggregated into material commodity groups by type of structure, and into total labour requirements. Separate weighting patterns by region could not be established. Separate measures of materials price movement cannot be made; however, regional labour indexes can be identified and aggregated with materials movement at the total level. Regional weights to combine total indexes were derived from data on construction activity in the reference period.

New Housing Price Indexes – These measure changes in selling prices of new houses constructed in metropolitan areas. The houses sampled are representative of the total being sold at that time but elements of quality change are excluded from the price measure. Prices used are the selling prices agreed upon between builder, and buyer at the time of signing the contract. Prices relate to mid-month. The price normally (where relevant) includes the house and the serviced lot on which it stands.

Weights are applied to combine price movements of different models within a company and different companies within a city. They are revised regularly to reflect latest market shares. City indexes are combined to the Canada index according to the value of housing starts in the three-year period 1975–1977. Users of this table are advised that comparisons of these indexes with other sources of housing statistics, which include either the selling prices of specific types of houses or selling prices of both new and old houses, should be made with caution.

Industry Selling Price Indexes -– Industry Selling Price Indexes are a measure of pure price change of specified commodities having a fixed time and weight base of 1971 = 100. Prices are f.o.b. factory gate less discounts and before taxes.

The indexes are gross weighted. They measure the movements of prices of gross shipments of manufacturing industries, including inter-industry shipments between individual industries within manufacturing. Therefore, they duplicate the movements of some prices in the sense that, for example, flour prices are given full weight as part of the shipments of the Flour Mills Industry and then are implicitly counted again through full weighting of the shipment prices of those manufacturing industries which use flour as an ingredient in their outputs, e.g., bread, biscuits, cakes, etc.

The Classification system used is that of the 1970 Standard Industrial Classification, thus permitting the joint use of price statistics with other data such as production and employment similarly classified.

Whenever specification changes occur thereby altering the quality of the item being priced, quality change evaluations are made to ascertain only pure price change since the commodity characteristics must remain constant in order to measure pure price change over a given period of time.

Purchase Price Indexes of Industrial Materials — Ferrous and non-ferrous indexes are compiled from a series of input prices, inclusive of transportation and brokerage fees, submitted by a wide variety of purchasers from selected industries.

The thermal cost purchase price index was required as the result of a renewed demand for coal because of an anticipated shortage in energy supplies. The index for coal is a purchase price index determined by surveying electric utilities, the major users of bituminous coal. It includes purchase prices for both domestic and imported United States coal. Prices are the amount the utilities pay to suppliers, excluding federal and provincial taxes and freight rates. The weights in this index are derived from the base year purchase prices provided by the firms.

Energy Selling Price Indexes — These are designed to measure "pure" price change at the producers' level, i.e., at the "factory gate". Since the industry's transmission lines are considered as part of the producer's operation, the "factory gate" for the Electric Power indexes is at the users' end.

The Electric Power Selling Price Index series is published in two customer categories of sales, (1) an index for bills less than 5,000 kW and (2) an index for large industrial sales, bills or contracts 5,000 kW and over. Only firm (non-interruptible) power is being surveyed. Interruptible and off-peak power price movement is not included in this index.

A revised price sample has been linked into the Petroleum Refineries Price Indexes of the Industry Selling Price Indexes, effective February 1977 wherein the number of prices observed and collected has been increased ninefold. The prices for these commodities are the average net realized prices by oil companies for finely specified categories on sale.

The weights assigned to all user categories in the new series correspond to net sales made in 1971 by the respective company in any given region. Each weight represents the importance of the respective user category in the Petroleum Refinery Index (PRI) commodity listing, and determines the degree of influence which each price change has on the total index.

Raw Materials Price Index — The Raw Materials Price Index is a base-weighted series covering the domestic disappearance of some 70 commodities originating in Canada or overseas.

The weighting system is based on values calculated for the 1974 input/output tables, i.e., gross output plus imports, wholesale and transport margins minus exports. The 1974 values were subsequently adjusted for price change between that year and 1977 using appropriate series from the General Wholesale Price Index. Where individual quotations are used these are given equal weighting within a commodity series.

All important crude materials consumed in Canada are covered by this index without duplication. In some instances prices are volatile (non-ferrous metals) but others are controlled by marketing boards (milk), regulation (crude oil) or long-term contracts. At the total level the index should be an early indicator of price pressure of unprocessed goods flowing into Canadian manufacturing and distribution industries.

Export Price Indexes and Import Price Indexes – These are base-weighted Laspeyres indexes which measure the year-to-year changes in prices of aggregate Canadian exports and imports. The weights used in calculating these indexes are derived from the values of exports and imports of commodities represented in the indexes in the base year of 1971. Sources of price relatives are either commodity unit values calculated directly from table statistics or, particularly in the case of end products, price indexes obtained from other Canadian or foreign statistics. Those used in Table 13.2 are Laspeyres type of base-weighted as opposed to the Paasche type of current-weighted index which may be found in Statistics Canada, *Summary of External Trade*, Catalogue 65-001.

Implicit Price Index — The implicit price indexes of Gross National Expenditure (GNE) and its components are essentially a by-product of the deflation process (using price indexes which approximately reflect the transaction prices of goods and services). They provide measures for changes taking place in the economy as a whole as well as identifying areas associated with inflationary developments.

These indexes are derived from the division of the current value of GNE by the constant dollar series — giving currently weighted (Paasche type) price indexes — which reflect changes in price from year to year and changes in the pattern of expenditure of the group to which they refer, from year to year. As a general rule, year to year changes in expenditure pattern are not sufficiently important to impair the use of these ratios for the analysis of price changes. The year to year changes in expenditure patterns usually (but not always) have little effect on the movements of these indexes.

Machinery and Equipment Prices Indexes (MEPI) – These are base weighted price indexes which measure price change for machinery and equipment purchases relative to gross addition of capital by Canadian industry.

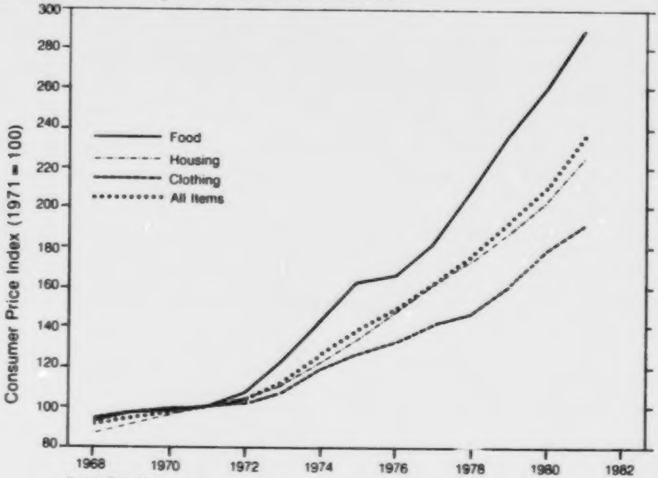
43 industry and 79 commodity designations used for the MEPI are based on those established by the Input Output division of Statistics Canada. The industry classification derives from the business and government sectors in the final demand category of expenditures. The commodity classifications are of two broad categories: of goods that may be used in virtually all industries (eg. office furnishings and transport vehicles); and goods closely identified with particular industries (usually assigned to the "Specialized Machinery" group).

Weightings data are derived from purchase values (from the annual survey 'Private and Public Investment in Canada') defined to include annual expenditures for gross additions to capital. They normally include all capitalized costs associated with procurement, construction and installation of new durable machinery and equipment. Prices used in the index are manufacturers' selling prices. Domestic prices are f.o.b. manufacturers plant (discounts allowed) on new orders adjusted for federal sales tax. Imported equipment prices are represented by the United States Bureau of Labour Statistics producers selling price indexes adjusted for changes in exchange rate and customs tariffs as well as Canadian federal sales tax.

It should be noted that in some cases (eg. specialized field installed machinery and equipment) it is not feasible to conduct frequent purchasers' surveys for cost of installed machinery and equipment. In lieu, extensive use is made of existing sources of producers price information and indexes. As a consequence some elements of capitalized expense are omitted from the index calculations.

Graph 13.A

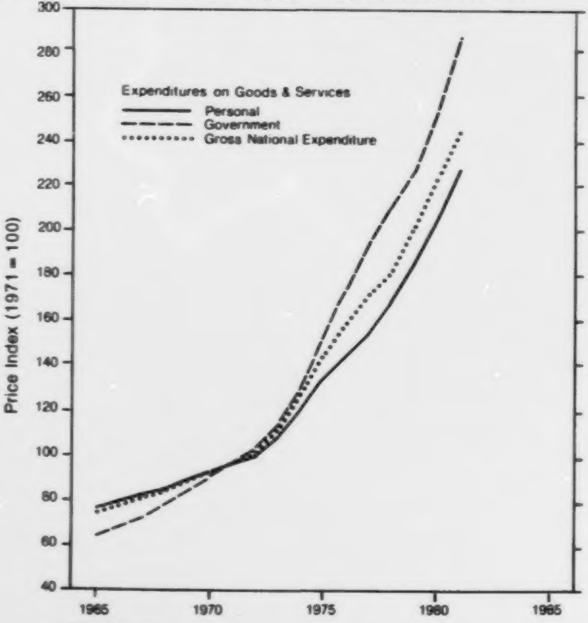
Consumer Price Indexes by Item, Canada, 1968-1981



Refer to Table 13.1

Graph 13.B

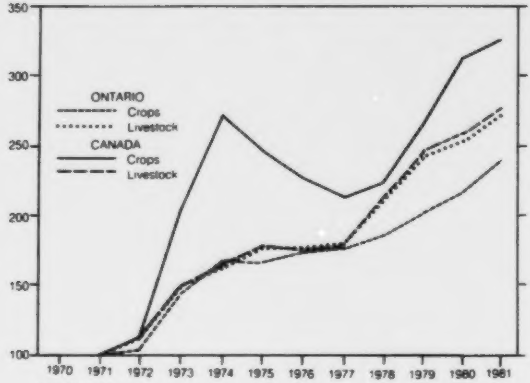
Implicit Price Indexes, Gross National Expenditure, Canada, 1965-1981



Refer to Table 13.3

Graph 13.C

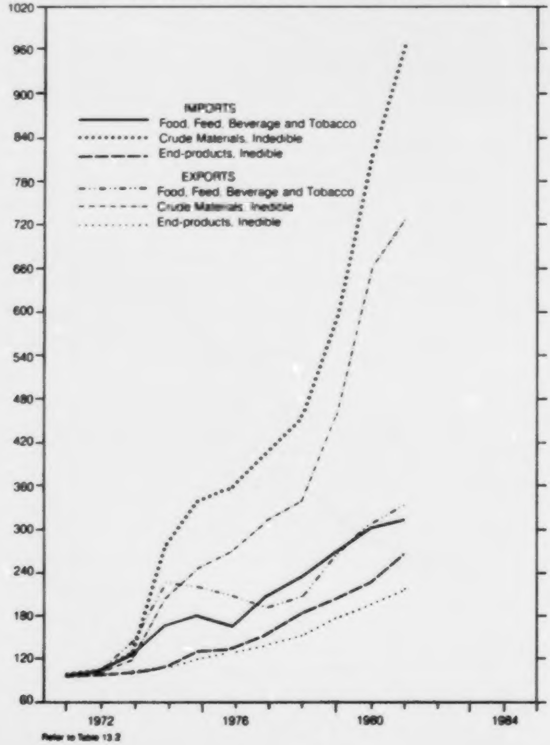
Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada, 1971-1981



Refer to Table 13.6

Graph 13.D

Export and Import Price Indexes, by Selected Commodity Group, Canada, 1971-1981



Refer to Table 13.2

Table 13.1

Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1981[1]

	All Items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
				Annual Averages				
Canada (1971 = 100)								
1965	80.5	83.4	77.4^r	83.8	80.7	79.4	77.9	81.8^r
1966	83.5	88.7	79.4^r	87.0	82.6	81.8	80.1	83.7
1967	86.5	89.9	82.9	91.4	86.1	86.0	84.2^r	85.8
1968	90.0	92.8	86.7	94.1	88.3	89.5	88.3	93.6
1969	94.1	96.7	91.2	96.7	92.4	93.8	93.6^r	97.2
1970	97.2	98.9	95.7	98.5	96.1	98.0	96.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	107.6	104.7	102.6	102.6	104.8	102.8	102.7
1973	112.7	123.3	111.4	107.7	105.3	109.8	107.1	106.0
1974	125.0	143.4	121.2^r	118.0	115.8	119.4	116.5^r	111.8
1975	138.5	161.9	133.2	125.1	129.4	133.0	128.5	125.3
1976	148.9	166.2	148.0	132.0	143.3	144.3	136.2	134.3
1977	160.8	180.1	161.9	141.0	153.3	155.0	142.7	143.8
1978	175.2	208.0	174.1	146.4	162.2	166.2	148.2	155.5
1979	191.2	235.4	186.2	159.9	178.0	181.2	158.4	166.7
1980	210.6	260.6	201.4	178.7	200.7	199.3	173.5	185.3
1981	236.9	290.4	226.4	191.4	237.6	221.0	191.0	209.2
Toronto (1971 = 100)								
1965	82.6	85.7	82.6	84.4	79.4	80.4	79.1	77.7
1966	86.2	91.9	84.9	88.6	82.2	83.1	81.0	81.2
1967	88.8	91.4	88.6	92.4	85.8	87.0	84.9	83.2
1968	92.2	94.2	92.1	94.8	87.3	89.7	89.5	93.0
1969	95.9	98.2	95.5	97.2	92.2	93.6	93.6	97.2
1970	98.4	100.0	98.0	99.0	96.0	98.2	96.5	98.6
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.9	107.5	104.6	102.7	103.1	104.3	103.7	104.9
1973	113.2	123.4	112.2	108.7	104.3	111.4	107.8	108.1
1974	125.1	143.2	121.7	119.2	114.9	122.2	116.9	113.2
1975	138.5	162.4	133.6	124.1	128.0	137.2	129.6	125.6
1976	148.6	165.5	147.7	130.6	142.2	148.9	136.9	134.5
1977	160.1	179.0	160.8	137.9	151.8	161.0	142.7	144.4
1978	173.7	203.4	173.0	145.9	160.5	173.1	147.5	155.1
1979	189.8	228.9	184.7	162.1	177.9	191.5	157.5	166.6
1980	209.0	253.3	199.3	181.9	201.3	211.4	173.5	184.6
1981	235.1	281.5	223.7	194.3	239.2	235.8	192.4	207.5

Table 13.1 (cont'd.)

Consumer Price Indexes, Canada and Selected Ontario Cities, 1965-1981[1]

	All items	Food	Housing	Clothing	Trans-portation	Health & Personal Care	Recreation, Reading & Education	Tobacco, and Alcohol
				Annual Averages				
Ottawa (1971 = 100)								
1965	81.3	84.0	81.1	83.2	79.7	78.7	77.5	77.5
1966	84.5	89.6	82.3	86.6	82.5	81.7	78.9	80.9
1967	86.5	90.6	84.1	90.8	84.0	85.1	83.5	83.2
1968	90.6	94.4	87.2	93.2	88.2	89.6	88.5	92.5
1969	94.2	97.0	91.7	96.3	90.1	94.1	96.5	96.9
1970	97.5	99.0	96.0	99.1	95.1	98.6	98.8	98.4
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.8	106.3	105.2	103.7	101.8	104.7	103.6	104.8
1973	113.1	121.2	111.8	110.4	107.3	110.1	109.3	107.9
1974	125.4	140.5	121.5	120.9	120.7	119.3	117.1	114.3
1975	137.5	158.2	132.6	127.7	130.2	131.0	127.2	127.9
1976	147.9	162.2	147.1	137.6	142.6	142.2	133.9	136.8
1977	160.0	175.4	161.8	148.6	151.4	152.8	138.6	147.4
1978	173.4	199.3	172.6	159.5	162.0	161.2	143.1	159.8
1979	188.7	223.8	183.7	175.7	179.1	173.9	153.1	172.6
1980	207.0	246.9	198.0	195.9	201.7	190.5	166.7	190.2
1981	231.4	275.8	219.3	212.2	237.9	209.5	185.9	212.0
Thunder Bay (1971 = 100)								
1969	96.2	96.5	97.1	97.8	93.7	92.9	94.0	98.7
1970	98.6	99.7	98.3	98.3	96.7	98.5	97.7	100.2
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.4	107.2	104.7	100.0	103.0	105.4	103.2	103.5
1973	112.2	122.4	111.7	104.4	106.6	110.2	106.8	106.3
1974	124.3	141.9	121.1	114.9	119.8	118.0	114.7	111.9
1975	138.3	162.2	133.6	119.4	135.1	132.6	125.9	124.4
1976	150.4	168.3	150.9	125.5	150.8	145.8	135.2	133.1
1977	162.1	180.7	164.3	132.8	163.0	159.0	141.7	143.3
1978	175.2	205.7	176.0	141.4	169.0	171.2	146.8	154.0
1979	190.7	229.0	188.8	155.4	184.2	185.5	158.2	166.2
1980	209.4	250.8	203.8	171.8	209.9	201.0	174.0	182.1
1981	234.0	275.8	226.3	184.8	248.2	222.6	191.9	207.3

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1) Revisions starting from 1971 have been brought into effect in October 1978 to take account of methodological differences that existed between city series and their Canadian counter-parts. The revisions give greater consistency between the city and Canadian series from 1971, but provide a break in the continuity of the city series in 1971. The details forming the basis of the change in the methodology are contained in the Statistics Canada Publication "Revisions of the Consumer Price Index."

Source: SC *Consumer Prices and Price Indexes, 62–010.*

Table 13.2

Trade Price Indexes[1] by Commodity Group, Canada, 1968-1981

	All Sections	Live Animals	Food, Feed Beverage and Tobacco	Crude Materials, Inedible	Fabricated Materials Inedible	End-products Inedible
				Annual Averages 1971 = 100		
Imports						
1968	95.5	90.3	91.1	90.0	100.8	95.0
1969	97.2	95.4	92.0	94.3	100.3	97.1
1970	98.5	94.9	97.5	96.4	100.8	98.2
1971	100.0	99.5[2]	100.2[2]	100.00	100.1[2]	100.0
1972	102.6	109.2	109.2	106.5	99.8	102.1
1973	111.3	144.5	132.5	130.6	112.1	105.9
1974	142.9	129.3	172.1	281.0	158.1	116.2
1975	165.7	136.8	183.3	342.6	177.3	136.3
1976	169.6	118.3	172.7	363.2	177.9	140.7
1977	194.2	135.2	213.3	411.9	205.8	159.3
1978	220.2^{r}	188.0	233.0^{r}	461.6	232.2	182.5
1979	259.0^{r}	243.9	263.4^{r}	586.6	292.4	203.6
1980	305.0^{r}	239.2^{r}	310.6	819.8	334.1	226.1
1981^{p}	349.8	239.2	314.9	964.8	368.3	265.6
Exports						
1968	95.0	89.3	104.8	94.1	93.7	93.5
1969	96.9	98.4	100.8	96.2	97.9	95.0
1970	99.3	101.8	97.3	99.9	100.8	98.1
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	103.3	123.7	106.9	101.5	104.4	101.9
1973	119.0	156.9	149.1	122.5	121.7	104.2
1974	161.5	161.4	232.8	210.9	159.4	114.0
1975	181.0	151.4	228.8	251.2	183.0	126.7
1976	188.5	146.7	215.5	275.3	188.8	134.1
1977	205.3	156.2	198.8	316.6	210.1	144.7
1978	223.9	178.6	212.8	344.9	231.1	157.5
1979	274.0	270.2	264.0^{r}	455.7	281.4	174.5
1980	337.7	287.4	306.7	662.3	319.6	194.4
1981^{p}	367.3	287.3	332.9	730.7	337.5	215.9

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1) These indexes are Laspeyres price indexes. They are based on fixed weights derived from 1971 shipment quantities and hence reflect changes in price alone. Most of the non-end product indexes are based on average prices derived from commodity import value and quantity data. The end product indexes are based on wholesale price indexes from Canadian, U.S., and foreign sources as proxies for import prices. For further details and for Paasche indexes refer SC. Summary of External Trade, Catalogue 61-001.

2) Base year figure differs from 100.0 due to re-edit and price adjustments made by SC.

Source: SC., External Trade Division and Cansim

Table 13.3

Implicit Price Indexes, Gross National Expenditure, Canada, 1961-1981[1]

	Expenditure		Gross Fixed Capital Formation		Trade Goods & Services		Gross National Expenditure
	Personal[2]	Gov't[3]	Gov't	Business	Exports	Imports	
				1971 = 100			
1961	76.8	59.1	71.4	71.6	81.3	80.3	72.4
1962	77.8	60.6	72.4	72.5	84.5	84.0	73.4
1963	79.0	63.1	74.4	74.5	85.3	85.9	74.8
1964	80.0	65.2	77.0	77.2	87.1	86.6	76.6
1965	81.6	68.2	81.1	81.0	88.7	87.3	79.1
1966	84.3	72.8	85.3	85.1	91.1	89.2	82.6
1977	87.2	77.8	87.1	87.1	93.0	90.7	85.9
1968	90.8	82.2	87.7	87.9	94.3	93.0	88.7
1969	94.3	89.0	91.4	91.5	96.4	95.6	92.6
1970	97.7	94.2	95.3	95.3	99.7	98.2	96.9
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.0	107.2	105.0	104.9	103.9	103.1	105.0
1973	111.6	116.4	114.8	114.1	117.4	111.2	114.6
1974	124.2	135.1	138.0	132.5	152.2	134.3	132.1
1975	137.3	156.0	153.2	149.6	168.6	153.6	146.3
1976	147.4	176.7	163.7	163.9	173.9	155.4	160.2
1977	158.3	193.7^r	176.0^r	177.6^r	187.4	174.3	171.5^r
1978	170.0	209.5^r	188.9^r	192.3^r	203.6	197.9^r	182.4^r
1979^r	185.6	227.2	207.3	211.4	242.7	227.0	201.3
1980^r	205.2	254.4	225.6	230.3	281.3	262.4	222.7
1981^p	227.9	285.0	252.3	256.0	304.2	291.8	245.0

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1) These implicit indexes are currently weighted price indexes. They reflect not only pure price changes, but also changing expenditure patterns within and between major groups. They are derived by dividing the total in current dollars by the total in constant dollars.

2) On consumer goods and services.

3) Current, on goods and services.

Source: SC. Gross National Product Division.
National Income and Expenditure Accounts, (13–001)
System of National Accounts — National Income and Expenditure Accounts, (13–201)

Table 13.4

Industry, Secondary Metals and Energy Price Indexes, Canada, 1961-1981

	Industry Selling Price Indexes			Industrial Materials Purchase Price Indexes			Energy Selling Price Indexes		
				Scrap			Electric Power		
	Total[1,5]	Food and Beverage[2]	Non-Food[3]	Ferrous	Non-Ferrous	Thermal Coal[4]	Over 5,000 kw	Under 5,000 kw	Petroleum Refineries[5]
				Annual Averages 1971 = 100					
1961	82.4	77.3	83.7	..	..	..	..	..	88.2
1962	83.3	79.0	84.4	..	..	..	..	..	87.6
1963	84.4	82.0	85.0	..	..	..	..	..	85.0
1964	85.1	82.3	85.8	..	..	..	..	..	85.2
1965	86.2	83.2	87.0	..	..	..	..	..	83.6
1966	88.7	88.0	88.8	..	..	..	..	..	83.8
1967	90.4	88.6	90.9	..	..	..	..	..	84.6
1968	92.3	89.7	93.0	..	..	..	..	..	86.3
1969	95.8	94.5	96.1	..	..	..	..	..	88.0
1970	98.1	97.0	98.3	..	..	..	..	..	90.7
1971	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1972	104.5	109.0	103.4	94.3	93.5	106.7	101.0	101.9	102.7
1973	116.2	133.5	112.3	136.7	126.3	114.9	107.1	105.1	117.5
1974	138.3	157.6	133.8	261.0	166.5	173.8	119.2	109.2	160.1
1975	153.7	173.4	149.3	186.3	118.7	246.4	131.6	122.7	184.5
1976	161.6	175.8	158.4	187.3	138.0	268.3	153.6	139.8	211.5
1977	174.3	187.9	171.3	163.0	152.5	288.0	201.7r	160.2r	246.7
1978	190.4	208.9	186.4	187.4	175.0	339.1	224.2r	178.5r	278.7
1979	217.9	235.6	214.1	251.2	242.5	369.3	247.2r	196.6r	325.8
1980r	247.2	260.5	244.3	242.2	253.8	348.5	279.1	217.2	410.6
1981	272.3	282.7	270.0	254.3	231.2	–	309.9	233.6	559.8

1) Gross weighted, including inter industry shipments.
2) Excludes alcoholic beverages.
3) Includes alcoholic beverages.
4) Metallurgic coal is not included. The figures given apply to the input to utilities for electric power generation.
5) For the period September 1978 to January 1979 contains estimates of the movement of petroleum prices.

Sources: SC, Prices Division,
Industry Price Indexes, (62-011).
Industry Selling Price Indexes: Manufacturing (1971 = 100), 1956-1976, (62-543).

Table 13.5

Farm Input Price Indexes, Eastern Canada, Western Canada and Canada 1975-1981

	Farm Inputs Total	Building and Fencing	Machinery and Motor Vehicles[1]	Crop Production[2]	Animal Production[2]	Supply and Services	Hired Farm Labour	Property Taxes	Interest[3]	Farm Rent[1]
					Annual Averages 1971 = 100					
Eastern Canada										
1975	161.8	151.4	141.3	218.8	162.3	138.8	157.8	116.1	206.4	168.9
1976	170.8	168.7	153.5	196.3	166.4	149.8	180.9	133.8	242.6	181.9
1977	180.4	181.5	163.9	209.6	170.9	161.2	197.9	141.6	253.9	200.9
1978	199.3	198.4	175.8	224.7	196.2	172.5	208.3	153.3	292.2	220.4
1979	232.1	224.2	197.7	256.1	237.4	190.5	220.9	156.0	391.4	244.8
1980	253.5	238.6	230.5	299.4	245.0	216.1	231.9	166.9	448.1	274.6
1981	283.1	262.3	272.5	327.7	255.9	248.8	250.3	180.3	587.1	288.5
Western Canada										
1975	163.0	156.6	140.3	236.6	161.0	136.5	176.3	113.1	203.3	242.6
1976	174.9	173.8	153.1	222.5	163.2	150.1	203.4	130.3	242.3	250.5
1977	179.5	187.3	164.8	219.7	162.4	161.1	225.8	140.1	237.8	216.6
1978	203.0	204.8	176.5	227.4	209.5	172.7	239.9	150.9	278.6	236.1
1979	237.9	228.8	193.9	251.2	265.4	190.1	254.1	155.2	398.3	242.6
1980	261.5	240.1	221.9	313.5	261.8	207.5	272.3	172.0	473.3	276.9
1981	296.9	262.4	260.9	358.6	267.4	244.8	291.1	179.3	623.7	307.6
Canada										
1975	162.4	153.5	140.7	226.7	162.1	138.0	165.1	114.3	204.7	219.4
1976	172.8	170.7	153.1	210.1	165.1	149.9	189.8	131.7	242.4	228.9
1977	180.0	183.9	164.4	213.7	167.4	161.2	208.6	140.7	244.8	211.6
1978	201.1	201.0	176.2	225.5	201.8	172.6	220.4	151.8	284.5	231.1
1979	234.9	226.1	195.4	253.8	249.1	190.4	233.6	154.0	395.3	243.3
1980	257.4	239.2	225.1	305.4	252.1	212.9	247.4	168.4	462.4	276.3
1981	289.8	262.3	265.1	340.5	260.8	247.5	266.0	178.0	607.8	301.7

1) Farm share only

2) Items included in these indexes are those used only in production. The indexes are not therefore indicative of total cost of crop or animal production.

3) Includes mortgage and non-mortgage interest.

Source: SC, Prices Division, *Farm Input Price Index*, (62–004)

Table 13.6

Index Numbers of Farm Prices of Agricultural Products, Ontario and Canada 1971-1981[2]

	Ontario			Canada[1]		
	Total	Crops	Livestock	Total	Crops	Livestock
			Annual Averages 1971 = 100			
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	110.9	104.4	113.5	114.0	113.7	114.2
1973	148.2	145.0	149.5	170.4	202.7	150.6
1974	163.7	166.6	162.6	205.5	273.7	163.6
1975	174.6	166.2	178.0	203.6	246.4	177.3
1976	176.9	174.3	177.9	195.1	226.4	175.9
1977	180.2	178.8	180.7	191.7	213.5	178.4
1978	206.1	189.2	213.0	220.5	224.8	217.8
1979	231.6	204.7	242.6	255.7^r	265.4^r	249.8
1980	241.2^r	214.3^r	252.2	276.4^r	312.0^r	254.6
1981^p	262.6	238.8	272.4	293.5	324.4	274.6

1) Excludes Newfoundland.

2) The price indexes are subject to adjustments which can be made after final payments are completed. For Ontario this affects wheat only, for Canada wheat, oats and barley.

Source: SC. Farm Income and Prices Section, Agriculture Division.
Index Numbers of Farm Prices of Agricultural Products, (62-003) and CANSIM.

Table 13.7

Raw Materials Price Indexes, Canada, 1977-1981[1]

	Total Indexes		Raw Materials Commodity Indexes							
	All Items	Excl. Fuels[2]	Vege-table	Ani-mal	Tex-tile	Wood	Fer-rous	Non Fer-rous	Non Metallic Mineral	Fuels[2]
					Annual Averages 1977 = 100					
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	114.9	112.8	99.7	121.5	101.2	111.2	113.4	113.7	106.5	118.3
1979	135.3	136.8	114.8	143.7	113.5	142.0	135.9	162.2	116.0	133.1
1980	154.9	152.9	144.8	147.5	132.8	149.5	134.8	221.4	133.4	158.0
1981	184.6	154.1	143.2	155.4	150.4	152.3	141.7	180.6	154.4	231.6

1) These data are subject to revision, resulting from weight adjustments.

2) Relevant fuels are: coal, crude oil and natural gas.

Source: SC, Prices Division, *Industry Price Indexes*, (62-011).

Table 13.8

Building Construction Input Price Indexes, Canada and Ontario, 1961-1981

	Residential Building[1]			Non-Residential Building		
	Construction Input Price	Materials	Labour	Construction Input Price	Materials	Labour
			Annual Averages 1971 = 100			
Canada						
1961	56.3	69.3	46.6	59.0	74.6	46.9
1962	57.6	69.7	48.6	59.8	73.9	49.0
1963	59.6	72.0	50.3	61.7	75.9	50.7
1964	62.6	75.8	52.7	64.6	79.5	53.1
1965	65.9	80.3	55.2	67.6	83.1	55.7
1966	69.9	83.5	59.6	71.4	86.1	60.1
1967	74.6	86.7	65.5	75.6	87.8	66.1
1968	79.9	91.5	71.1	79.7	90.0	71.7
1969	85.1	96.4	76.5	84.5	94.0	77.2
1970	91.2	95.3	87.0^r	92.0	96.6	88.5
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	110.1	109.8	110.6	107.8	104.9	111.0
1973	123.2	124.0	121.8	117.5	113.1	122.3
1974	134.7	135.2	133.8	136.1	137.3	134.7
1975	144.0	139.7	151.6	150.4	147.0	154.1
1976	160.5	153.6	172.8	165.7	156.6	175.9
1977	175.5	165.2	193.9	179.7	165.6	195.4
1978	192.0	184.1	206.2	193.2	179.4	208.4
1979	211.4	207.0	219.5	214.6	208.7	221.3
1980	222.7^r	215.1^r	236.3	234.0^r	230.2^r	238.1
1981	244.3	236.5	258.5	256.4	253.1	260.1
Ontario						
1971	100.0	100.0	100.0	100.0	..	100.0
1972	110.3	105.2^r	112.2	108.8	..	113.0
1973	123.5	123.5	123.5	118.1	..	123.6
1974	134.5	134.9	133.8	135.2	..	132.8
1975	141.6	138.8	146.2	146.6	..	146.0
1976	156.4	151.0	165.8	161.9	..	167.8
1977	169.9	160.8	185.3	174.4	..	184.3
1978	185.1	179.0	195.5	186.4	..	194.2
1979	205.2	203.0	209.0	207.7	..	206.7
1980	216.2^r	212.7^r	222.2	225.0^r	..	219.3
1981	236.4	234.1	240.3	245.4	..	236.9

1) These indexes measure price changes for labour and materials used in single detached residential construction

Source: SC. Prices Division, *Construction Price Statistics*, (62–007)

Table 13.9

New Housing Price Indexes, by Metropolitan Areas, 1971-1981

	Montreal	Toronto	Ottawa-Hull	Winnipeg	Calgary	Edmonton
			Annual Averages 1971 = 100			
1971	100.0	100.0	100.0	100.0	100.0	100.0
1972	107.6	110.2	112.7	105.2	110.0	109.1
1973	125.8	137.6	138.2	128.4	126.4	132.6
1974	177.7	171.6	171.2	163.5	162.3	172.8
1975	190.3	171.0	178.3	177.5	195.4	205.3
1976	200.9	180.7	192.5	199.8	243.1	245.8
1977	211.7	180.2	198.1	211.8	259.9	262.8
1978	215.8	180.3	195.0	219.2	280.7	280.9
1979	228.3	179.2	196.0	223.5	299.5	302.5
1980	253.4	188.2	207.1	225.7	321.9	326.1
1981	288.0	220.3	231.0	243.1	354.7	344.1

Source: SC, Prices Division, *Construction Price Indexes*, (62–007)

Table 13.10

Machinery and Equipment Price Indexes, Canada, 1971-1981

	Index in quarter				
	I	II	III	IV	Average
			1971 = 100		
Total					
1971	99.2	99.9	100.4	100.5	100.0
1972	102.0	102.3	102.6	103.1	102.5
1973	104.6	106.0	107.3	109.0	106.7
1974	112.7	116.0	123.0	128.8	120.3
1975	132.7	136.4	139.1	141.7	137.5
1976	143.0	143.7	145.3	147.6	144.9
1977	153.6	156.9	160.1	166.2	159.2
1978	172.3	176.4	180.3	187.8	179.2
1979	192.8	196.1	200.3	206.4	198.9
1980	211.6	216.6	221.2	228.3	219.4
1981	234.7	240.7	246.4	. .	. .
Domestic					
1971	99.2	99.8	100.3	100.8	100.0
1972	102.3	103.1	103.5	104.0	103.2
1973	105.4	106.8	108.2	110.3	107.7
1974	115.2	119.9	125.8	131.4	123.1
1975	135.1	138.2	140.9	144.0	139.5
1976	145.7	146.9	148.7	150.7	148.0
1977	155.8	158.7	161.5	166.8	160.7
1978	172.9	176.9	180.3	186.6	179.2
1979	192.3	197.2	201.2	207.0	199.4
1980	212.3	217.2	222.7	228.7	220.2
1981	235.1	241.8	247.4	. .	. .
Import					
1971	99.2	100.1	100.6	100.1	100.0
1972	101.7	101.3	101.3	101.8	101.5
1973	103.4	104.9	106.0	107.2	105.4
1974	109.0	112.0	119.0	125.2	116.3
1975	129.4	133.9	136.4	138.6	134.6
1976	139.1	139.1	140.5	143.7	140.6
1977	150.6	154.3	158.0	165.4	157.1
1978	171.4	175.8	180.4	189.6	179.3
1979	193.6	194.6	199.0	205.6	198.2
1980	210.7	215.9	219.2	227.6	218.3
1981	234.2	239.3	244.9	. .	. .

Source: SC Prices Division, *Machinery and Equipment Price Indexes by Industry of Purchase* (62-552).

Section 14

Finance

Highlights

- **Ontario Finances** – Interim revenue for Ontario in 1981-82 was $18.9 billion up 14.5 per cent from 1980-81. Interim expenditure was $20.4 billion in 1981-82 up 18.2 per cent from 1980-81. The funded debt per capita was $2,040 in 1981-82, up $149 or 7.9 per cent from 1980-81. The estimated funded debt per capita for 1982-83 is $2,232, 9.4 per cent higher than for 1981-82.

  Of Ontario's total interim revenue of $18.9 billion in 1981-82, personal income tax accounted for 26.1 per cent and retail sales tax for 15.1 per cent. Payments from the federal government amounted to 17.2 per cent of the total.

  Of Ontario's total interim expenditure of $20.4 billion in 1981-82, 28.5 per cent went to Health, 14.9 per cent to Education and 8.2 per cent to Colleges and Universities.

  Total revenues of the Ontario Municipal Revenue Food stood at $4.9 billion in 1980. In 1980, expenditures of the Ontario Municipal Revenue Fund were $5.2 billion.

- **Bond Issues** – The number of marketable bond issues and retirements fluctuates from year to year in Ontario. Over the last five years, the high for net issues was recorded in 1978 when $1.4 billion worth of bonds were issued, a decrease of 3.3 per cent to 1.3 billion by 1981.

- **Foreign Reserves** – Canada's reserve position in the International Monetary Fund stood at US$212.1 million in 1961; by 1971 it had reached US$332.6 million, an increase of 56.8 per cent over 1961. In 1981 the total was US$402.4 million, down US$176.6 million or 30.5 per cent from 1980 and up 21.0 per cent over 1971.

  Canada's total international reserves have fluctuated through 1953 to 1980. The 1981 level of US$4.4 billion represented an increase of US$341.5 million or 8.5 per cent from 1980.

- **Cheques Cashed** – In terms of value of cheques cashed against individual accounts in 1981, Ontario accounted for $4.2 trillion or 63.2 per cent of the Canada total of $6.7 trillion. Toronto, at $3.8 trillion, accounted for 91.1 per cent of the Ontario total and 56.1 per cent of the Canada total.

- **Toronto Stock Exchange** – The Toronto Stock Exchange 300 Composite Stock Price Index has generally experienced an upward trend over the past 20 years. The high point reached was in 1980 with a mark of 2405.65. On the other hand, the lowest point within the last 10 years was in 1974 when the index dipped to 821.10. The high in 1982 for the Index was 1,956.83 which represented a 436.50 point, or 18.2 per cent decrease from the high recorded in 1981. The low for 1982 was 1,530.97 compared with 1,752.70 for 1981.

- **Corporate Activity** – The number of active corporations in Ontario in 1981-82 was 300,800, up 8.4 per cent from 1980-81 and 73.0 per cent from 1975-76. The number of new corporations incorporated each year in Ontario continues to increase steadily. In 1980-81 there were 28,394 new firms incorporated; in 1981-82 there were 28,696. This represents an increase of 302 or 1.1 per cent.

  In 1981 in Ontario there were 2,901 business bankruptcies, accounting for 36.0 per cent of the Canadian total and representing a 10.6 per cent increase over the 1980 Ontario total.

Definitions

Official International Reserves

Convertible Foreign Currencies – Comprise the holdings of the Exchange Fund Account, the Receiver-General for Canada and the Bank of Canada.

Official International Reserves (cont'd)

Holdings of Currencies Other Than U.S. Dollars – Consist of currencies defined as convertible by the International Monetary Fund (IMF) and valued at their official parity or central rates until May, 1973 and at their month-end market closing rates thereafter.

Gold Holdings — Prior to May, 1972 gold holdings were valued at slightly less than the official price to defray potential transportation costs. Commencing in that month, gold holdings were valued at the SDR $35/ounce which added U.S. $2.5 million to the value of reserves at that time.

Canada's Holdings of Special Drawing Rights — Include allocations to Canada of SDR's at the first of the year as follows: 1970 - U.S. $124.3 million, 1971 - U.S. $117.7 million, 1972 - U.S. $116.6 million, 1979 - U.S. $183.9 million, 1980 - U.S. $186.5 million. They also reflect transactions involving Canada under the arrangements by the IMF providing for the use of SDR's by member countries and by the IMF.

The Reserve Position in the International Monetary Fund – Is the amount of foreign exchange that Canada is entitled to draw from the Fund on demand for balance of payments purposes.

Direct Taxes – Direct taxes include personal, corporate and government business enterprise income tax, levies imposed on logging and mining profits, succession duties and estate taxes. Employer and employee contributions to public service pensions, unemployment insurance, workmen's compensation and industrial employees' vacations are considered as direct personal taxes as are contributions made to the Canada Pension Plan or Québec Pension Plan. – Indirect taxes encompass Customs import duties, excise duties and taxes, corporation tax (other than taxes on profits), gasoline tax, miscellaneous taxes on natural resources, the business share of motor vehicle licences and permits, other licences, fees and permits and retail sales tax. Amusement taxes, personal and property taxes, and profits of provincial liquor commissions are also considered indirect taxes.

Transfers from Other Levels of Government – This category includes both general and specific purpose transfers from federal and local governments. The provincial share of federal estate tax, the tax on undistributed income and income tax on privately-owned utilities are classified as transfer payments at the provincial government level.

Credit Union Assets and Liabilities

Assets – Cash - includes money on hand, deposits in chartered banks, trust companies, Province of Ontario Savings Office, and credit union centrals. Investments - includes term deposits, bonds and debentures of and guaranteed by governments at all levels in Canada, shares in centrals, and debentures and shares of reputable corporations (all valued at cost). Specifically excluded are investments in the shares of other credit unions. Loans Receivable - includes all loans outstanding at the end of the accounting period, sub-divided into two main groups:

1) secured by a realty mortgage on property (excluding chattel mortgages), and
2) not secured by a mortgage (primarily personal loans).

Fixed Assets - includes buildings (less accumulated depreciation), furniture, fixtures and equipment (less accumulated depreciation) and land.

Liabilities – Accounts Payable - includes interest payable on borrowings and term deposits, and all commercial accounts owed by the credit union. Loans Payable - includes borrowings of credit unions from chartered banks, and credit union centrals. Deposits - includes ordinary or demand deposits, term deposits, and chequing account deposits as follows:

Demand - money received by credit unions from their members, which members may subsequently withdraw "on demand" after satisfying a statutory waiting period or notice of intent to withdraw of up to 30 days.

Term - money deposited by credit union members, which funds cannot be withdrawn prior to a fixed or stated future date. The rate of interest paid on term deposits is guaranteed during the term specified.

Chequing - money deposited by credit union members to their individual credit, against which a member can issue personal cheques up to the amount of his deposit.

Other Liabilities – includes the value of liabilities not otherwise specified, such as employee benefits, deferred charges, stabilization funds under administration, etc.

Members' Equity – Share Capital – includes ordinary shares, shares held by corporations, and the net of estate shares minus estate loans. Reserves — includes a statutory Reserve Fund and other special or general reserves.

Corporation – A corporation is created by filing articles of incorporation; by filing a memorandum of association; or by issuing letters patent of incorporation. The incorporating instrument – articles, memorandum or letters patent, depending upon the particular provincial or federal statute – sets forth the objects of the corporation and certain provisions for the regulation and conduct of its affairs, and, in the case of a corporation with share capital, the amount of capital it is authorized to issue.

Summary by Upper Tier – The organization of municipal responsibilities and powers differs from area to area but there are three basic types of structure: restructured two tier areas, counties and districts.

Restructured two tier areas cover most of the faster developing urban centres of Ontario. In each of these areas, there are two levels of municipal government: an upper tier municipality serving the entire area and a number of lower tier municipalities each of which has jurisdiction over part of the area. Upper tier municipalities are variously referred to as metropolitan municipalities, regional municipalities, district municipalities or restructured counties. The division of responsibilities between upper and lower tier municipalities varies between restructured areas, but upper tier municipalities usually provide health and social services, police, transit, major roads, sewers, solid waste disposal and regional planning. Lower tier municipalities are generally responsible for fire protection, neighbourhood roads, solid waste collection and recreation services.

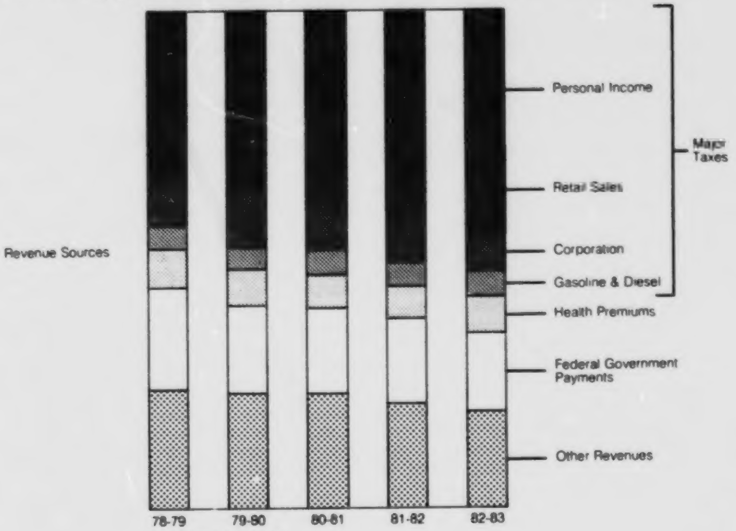
Counties are an older form of two tier local government dating back to the Baldwin Act of 1849. They differ from the more recently created two tier systems in two ways. First, the upper tier, or county municipality, generally has responsibility for county roads and health and social services with all other municipal functions being provided by lower tier municipalities. Second, cities and separated towns which are geographically situated within counties are not part of the county structure, but are separate, single tier municipalities.

Districts in Northern Ontario are geographic entities only. Within districts are single tier municipalities and large areas which are unorganized for municipal purposes. The municipalities provide the full range of municipal services, while people living in unorganized areas may receive limited municipal services from the Province. In addition, local boards provide a variety of services to residents of municipalities and unorganized areas alike.

The summary by upper tier presents, for each upper tier group, the aggregate data for upper tier municipalities plus constituent lower tier municipalities, less items where applicable. Metropolitan Toronto is shown first followed by the other restructured two tier areas (counties and districts) each in alphabetical order. This table is useful for analyses based on geographic areas.

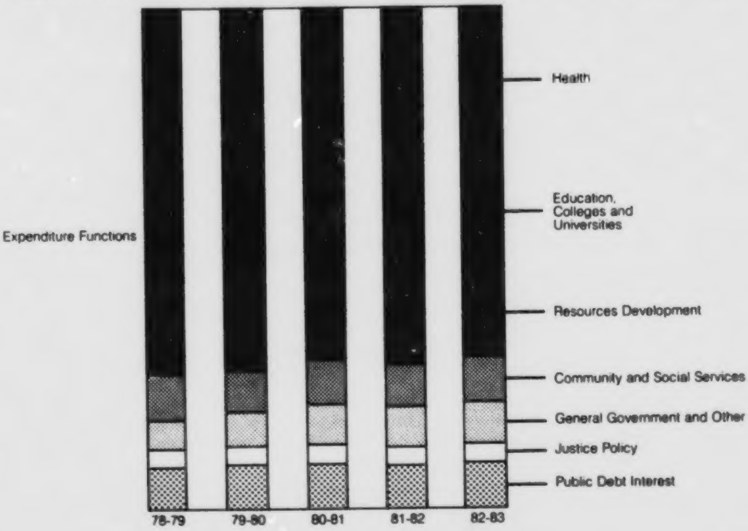
Business Bankruptcy – Identified as being a bankruptcy which is chiefly attributable to the liabilities incurred as a result of the carrying on of a commercial venture or business and includes proprietorships, partnerships and Limited Companies.

Graph 14.A
Relative Importance of Major Revenue Sources, Ontario, 1978-79 to 1982-83



Source: Ontario Budget 1982

Graph 14.B
Relative Importance of Major Expenditure Functions, Ontario, 1978-79 to 1982-83

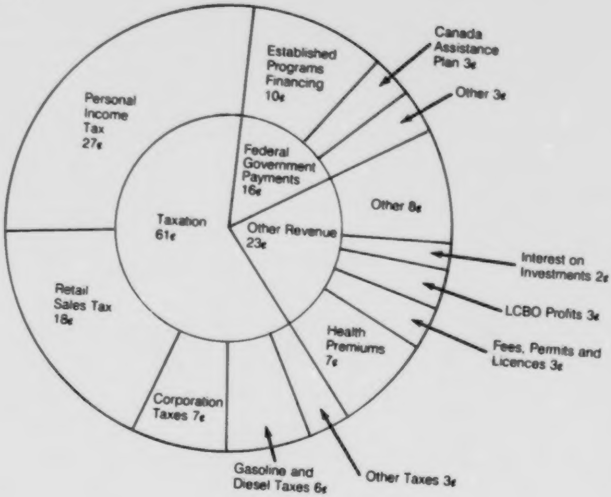


Source: Ontario Budget 1982

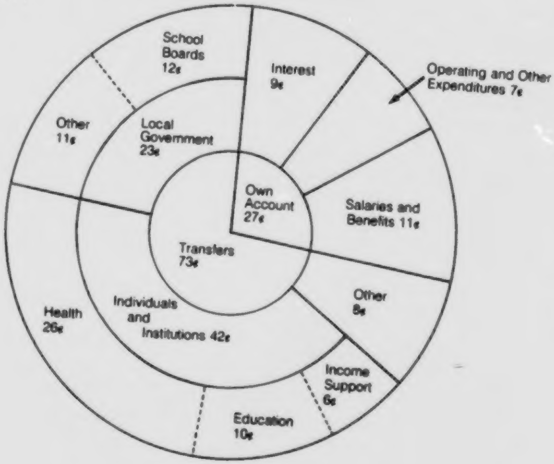
Graph 14.C

The Budget Dollar, Ontario, 1982-83 (estimated)

Where it will come from . . .

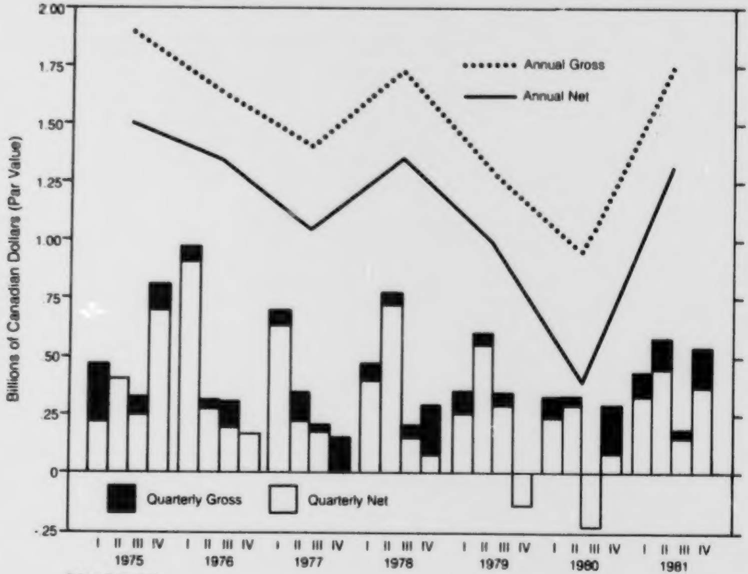


Where it will be spent . . .



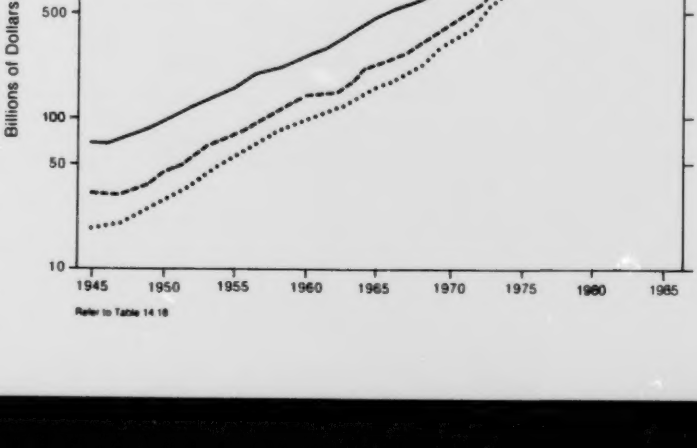
urce: Ontario Budget 1982

Graph 14.D
Marketable Bond Issues and Retirements, Ontario, 1975-1981



Refer to Table 14.15

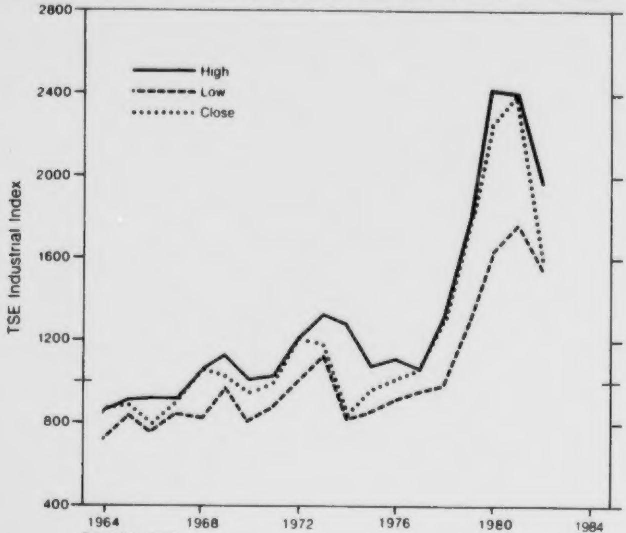
Graph 14.E
Cheques Cashed Against Individual Accounts, Canada, Ontario and Toronto, 1945-1981



Refer to Table 14.18

Graph 14.F

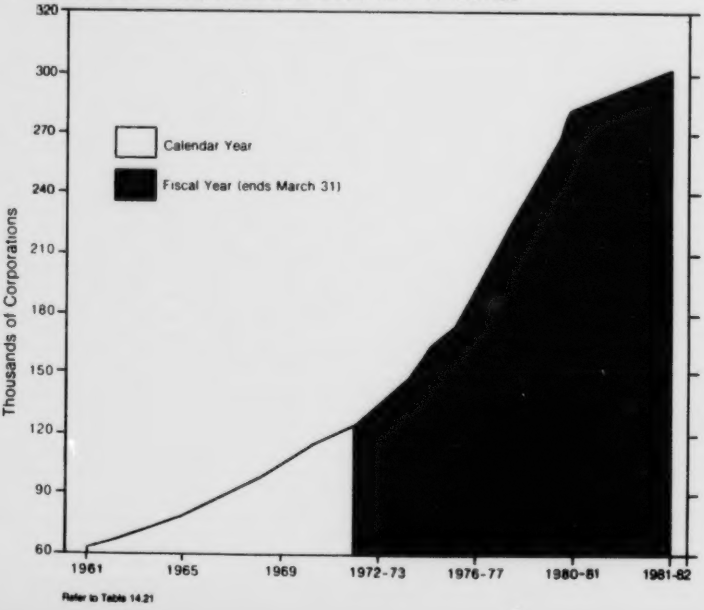
Toronto Stock Exchange – TSE 300 Composite Stock Price Index, 1964-1982



Refer to Table 14.20

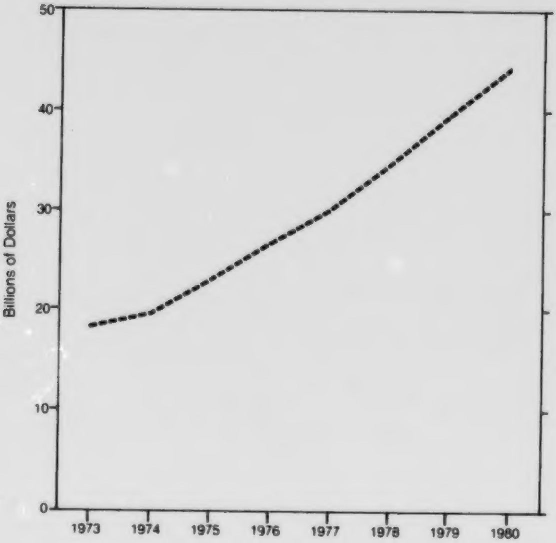
Graph 14.G

Growth in the Number of Corporations, Ontario, 1961 to 1981-82



Refer to Table 14.21

Graph 14.H
Outstanding Balances of Consumer Credit, Canada, 1973-1980



Refer to Table 14.19

Table 14.1

Ten-Year Review, Ontario, 1973-74 to 1982-83

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81[1]	1981-82[1]	1982-83[2]
				$ Million						
Financial Transactions										
Revenue	7,177	8,855	9,520	11,148	11,782	13,233	15,246	16,470	18,855	20,545
Expenditure	7,885	9,832	11,319	12,467	13,544	14,413	15,830	17,273	20,415	22,777
Net Cash Requirements[3]	708	977	1,799	1,319	1,762	1,180	584	803	1,560	2,232
Financial Position										
Funded Debt (excluding Ontario Hydro)	7,008	7,844	9,818	10,895	12,384	14,037	15,196	16,214	17,592	19,409
				$						
Funded Debt per Capita	886	974	1,201	1,318	1,480	1,662	1,787	1,891	2,040	2,232
				%						
Funded Debt as a Per Cent of Gross Provincial Product	13.9	13.2[1]	15.2	14.8	15.2	15.8	15.2[1]	14.8	14.2	14.3
				Million						
Cumulative Net Borrowing for Ontario Hydro										
U.S.	1,382	1,710	2,240	2,510[1]	2,901	3,568	3,782	4,190	4,530	...
C.P.P.	...	...	...	...	...	...	...	500	1,000	1,000
Contingent Liabilities (mainly Ontario Hydro)[4]	3,382	3,933	5,147	5,806	6,212	6,734	7,593[1]	8,289	...	...

1) Interim
2) Estimated
3) Net cash requirements exclude transactions relating to funds borrowed on behalf of Ontario Hydro
4) Excludes Hydro Bonds held as an investment

Source: Ministry of Treasury and Economics

Table 14.2

Revenue, Ontario, 1980-81 to 1982-83

	1980-81	1981-82[1]	1982-83[2]
		$ Million	
Taxation Revenue	9,449	11,132	12,613
Personal Income Tax[3]	3,578	4,928	5,584
Corporation Taxes			
Income Tax	1,397	1,323	995
Capital Tax	291	329	363
Insurance Premiums Tax	104	118	133
Mining Profits Tax	161	56	40
Retail Sales Tax	2,562	2,852	3,677
Gasoline Tax	618	759	931
Motor Vehicle Fuel Tax	133	172	215
Reciprocal Taxation	52	47	52
Tobacco Tax	284	345	428
Land Transfer Tax	101	125	125
Race Tracks Tax	55	59	65
Other Taxation	113	19	5
Other Revenue	3,127	3,467	3,615
OHIP Premiums	1,061	1,179	1,402
LCBO Profits	433	502	530
Interest on Investments	540	613	460
Vehicle Registration Fees	312	297	293
LLBO Fees, Licences and Permits	126	170	185
Other Fees and Licences	159	185	214
Ontario Lottery Profits	116	137	137
Fines and Penalties	73	76	78
Sales and Rentals	63	60	73
Royalties	74	67	70
Utility Service Charges	62	62	66
Miscellaneous	108	119	107
Payments from the Federal government	2,973	3,259	3,243
Payments into Trust Accounts	611	661	763
Repayment of Loans and Advances	310	336	311
Total Revenue	16,470	18,855	20,545

1) Interim.

2) Estimated.

3) Net of Tax Credits of $455 million, $260 million and $286 million for the 1980-81, 1981-82 and 1982-83 fiscal years.

Source: Ministry of Treasury and Economics.

Table 14.3

Expenditure by Policy Field and Ministerial Responsibility, Ontario, 1980-81 to 1982-83

	1980-81	1981-82[1]	1982-83[2]
		$ Million	
Social Development Policy	10,736	12,507	13,929
Health	4,897	5,817	6,579
Education	2,604	3,048	3,291
Community and Social Services	1,528	1,779	1,972
Colleges and Universities	1,542	1,677	1,860
Citizenship and Culture	162	181	222
Social Secretariat	3	5	5
Resources Development Policy	3,058	3,928	3,813
Transportation and Communications	1,213	1,316	1,414
Municipal Affairs and Housing	739	986	1,018
Natural Resources	342	358	361
Environment	308	361	346
Agriculture and Food	210	298	284
Energy	26	36	67
Ontario Energy Corporation	–	325	62
Industry and Trade	91	105	102
Tourism and Recreation	74	79	89
Labour	53	61	66
Resources Secretariat	2	3	4
Justice Policy	642	741	794
Solicitor General	211	257	285
Attorney General	183	206	219
Correctional Services	156	174	185
Consumer and Commercial Relations	91	103	104
Justice Secretariat	1	1	1
General Government	1,242	1,401	1,577
Revenue	488	534	605
Government Services	286	313	366
Northern Affairs	157	170	179
Treasury and Economics	127	168	193
EDF/BILD[3]	124	150	170
Board of Internal Economy	43	43	37
Management Board	10	13	16
Intergovernmental Affairs	4	6	7
Legislative and Executive Offices[4]	3	4	4
Public Debt Interest	1,595	1,838	2,172
Contingency Fund	–	–	246
Short-Term Job Creation	–	–	171
Ontario Renter Buy Program	–	–	75
Total Expenditure	17,273	20,415	22,777

1) Interim
2) Estimated
3) Employment Development Fund/Board of Industrial Leadership and Development
4) Comprises Premier's Office, Cabinet Office and Lieutenant Governor

Source: Ministry of Treasury & Economics

Table 14.4

Federal Government Payments to Ontario, 1980-81 to 1982-83

	1980-81	1981-82[1]	1982-83[2]
		$ Million	
Established Programs Financing[3]	1,934	2,044	1,979
Extended Health Care Services[4]	230	257	288
Canada Assistance Plan	548	630	681
Adult Occupational Training	114	124	124
Bilingualism Development	34	37	37
Economic Development	9	19	22
Vocational Rehabilitation	15	17	22
Sewerage Construction Program	–	–	20
Community Services Contribution Program	35	58	2
Crop Insurance	9	21	16
Indian Welfare Services	13	15	15
Other Federal Payments	32	37	37
Total Payments	2,973	3,259	3,243
Annual Per Cent Increase	9.3	9.6	(0.5)
Federal Payments as a Per Cent of Ontario Revenue	18.1	17.3	15.8

1) Interim

2) Estimated

3) Replaces former transfers for Hospital Insurance, Medical Care, Post-Secondary Education, and Revenue Guarantees effective April 1, 1977.

4) Replaces a portion of shared-cost expenses previously paid under the Canada Assistance Plan.

Source: Ministry of Treasury and Economics.

Table 14.5
Payments into Trust Accounts, Ontario, 1980-81 to 1982-83

	1980-81	1981-82[1]	1982-83[2]
		$ Million	
Public Service Superannuation Fund	361	413	494
Superannuation Adjustment Fund	128	153	189
Province of Ontario Savings Office — Net Deposits	63	40	28
Provincial Lottery Trust Fund	26	20	20
Super Loto Trust Fund	10	10	10
Other	23	25	22
Total	611	661	763

1) Interim
2) Estimated

Source: Ministry of Treasury and Economics

Table 14.6
Repayment of Loans and Advances, Ontario, 1980-81 to 1982-83

	1980-81	1981-82[1]	1982-83[2]
		$ Million	
Educational Capital Aid Corporation	78	82	87
Investment in Environmental Protection	70	98	70
Universities Capital Aid Corporation	30	31	32
Ontario Development Corporations	20	30	22
Ontario Mortgage Corporation	17	20	19
Loans to Public Hospitals	19	17	15
Tile Drainage Debentures	12	14	15
Ontario Land Corporation	19	12	15
Crop Insurance Commission	11	7	10
Other	34	25	26
Total	310	336	311

1) Interim
2) Estimated

Source: Ministry of Treasury of Economics

Table 14.7

Municipal Revenue Fund, Revenues, Ontario 1968-1980

	Taxation[1]			
	Residential and Farm	Commercial. Industrial and Business	Special Charges	Total
		$'000's		
1968	735,845	516.996	29,411	1,282,252
1969	835,568	571.752	30,974	1,438,294
1970	929,751	634.108	32,921	1,596,780
1971	953,784	658.155	38,143	1,650,082
1972	1,004,035	698.818	41,546	1,744,399
1973	1,025,704	721.882	40,071	1,787,728
1974	1,127,903	812.724	41,638	1,982,265
1975	1,321,828	967.936	61,325	2,351,089
1976	1,543,066	1.143.678	75,832	2,762,876
1977	875,030	662.470	125,173	1,662,673
1978	941,300	699.159	145.377	1,785,809
1979	1.042.853	761.065	162.664	1.966.581
1980	1,137,191	838,373	189,793	2,165,358

Table 14.7 (cont'd)

	Payments in Lieu of Taxes	Ontario Grants	Other Revenue	Total Revenue
		$'000's		
1968	47,504	226,367	92,358	1,648,481
1969	55,001	239,402	109,878	1,842,575
1970	62,863	292,924	121,958	2,074,525
1971	65,958	364,600	143,457	2,224,097
1972	73,038	398,654	160,483	2,376,574
1973	80,758	528,745	167,460	2,564,691
1974	95,638	638,337	209,283	2,925,523
1975	121,275	964,794	297,756	3,734,914
1976	144,130	1,003,198	368,162	4,278,366
1977	144,516	1,031,856	862,975	3,702,020
1978	161,280	1,118,286	1,031,365	4,096,753
1979	168.058	1.341.406	1.139.060	4.615.102
1980	198,522	1,486,693	1,001,239	4,851,812

1) Includes taxation revenue of school boards.

2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.

3) Includes Conservation Authorities.

Source: Ministry of Municipal Affairs and Housing, Municipal Finance Branch.

Table 14.6

Municipal Revenue Fund, Expenditures, Ontario, 1968-1980

	General Government	Protection				Transportation			
		Fire	Police	Other	Total	Roads	Transit	Other	Total
					$'000's				
1968	131,484	65,943	88,368	31,221	185,532	262,199	20,200	41,526	323,925
1969	153,387	78,878	103,883	33,769	214,530	269,295	21,300	44,930	335,525
1970	52,360	88,151	123,317	37,121	248,589	298,319	23,400	51,214	372,933
1971	173,716	98,549	143,976	42,419	284,944	337,749	29,900	62,262	429,911
1972	187,061	111,802	163,566	47,604	322,972	354,695	37,500	66,309	458,504
1973	196,619	124,306	188,796	52,955	366,059	370,697	56,600	73,027	500,324
1974	243,648	144,784	227,768	60,720	433,272	400,258	81,764	78,529	560,551
1975	272,545	176,949	284,256	83,457[1]	544,662	453,924	114,502	74,705	643,131
1976	311,278	195,454	327,548	79,740	602,742	486,279	108,189	82,245	676,713
1977[5]	365,040	218,384	373,007	61,696	653,087	607,362	347,523	58,536	1,013,421
1978	430,175	235,675	407,831	67,657	711,163	626,402	381,035	74,395	1,081,832
1979	457,399	259,789	444,857	107,748	1,269,793	664,376	398,774	78,796	1,141,946
1980	545,927	292,521	501,872	122,158	1,462,478	708,302	450,994	90,154	1,249,450

Table 14.6 (cont'd)

	Environment					Health And Social	Rec-reation	Plan-ning	Total Expendi-ture
	Sewage	Solid Waste	Water	Other	Total				
					$'000's				
1968	68,955	39,125	...	...	108,080	140,072	90,447	15,328	994,868
1969	74,248	42,856	...	...	117,104	157,538	103,305	16,982	1,098,371
1970	79,563	47,526	...	..	127,069	211,971	120,313	19,271	1,252,526
1971	89,012	53,716	...	...	142,728	266,555	141,180	25,342	1,464,376
1972	101,283	59,543	...	...	160,826	264,400	165,474	29,300	1,588,537
1973	114,259	66,963	...	...	181,242	275,581	196,026	33,869	1,749,720
1974	128,329	79,268	...	...	207,596	327,601	229,535	43,707	2,045,910
1975	188,031	89,213	...	...	277,244	544,418[2]	317,665[3]	73,873	2,673,538
1976	218,212	99,444	...	...	317,656	584,211	369,899	84,304	2,946,803
1977[5]	229,658	109,192	212,094[4]	12,904	563,848	566,676	445,949	107,016	3,715,037
1978	254,580	121,826	234,493	15,077	625,976	640,923	484,862	114,728	4,089,658
1979	297,652	142,887	252,870	...	693,409	824,598	513,762	128,128	4,571,636
1980	327,967	169,566	274,788	...	772,321	930,311	574,978	168,001	5,157,543

1) Includes Conservation Authorities.

2) Includes Children's Aid Societies, District Welfare Boards, Homes for Aged and Public Health Units.

3) Includes Library Boards, Arenas and other Recreation Boards.

4) The consolidation in 1977 of all municipal water systems has resulted in the addition of a separate reporting category for this function. Previously, municipal spending on water services was included with "Environmental Services."

5) Further consolidation of local boards and municipal enterprises, particularly transit operations, libraries and waterworks systems, may distort comparisons of the operations between 1976 and 1977.

Source: Ministry of Municipal Affairs and Housing, Municipal Finance Branch.

Table 14.9

Municipal Revenue Fund, Revenues, by Upper Tier[1], Ontario 1980

	Taxation	Payments in Lieu of Taxes	Ontario Grants	Other	Total Revenue
			$000's		
Regional Governments					
Metropolitan Toronto	765,442	71,091	378,217	458,262	1,673,012
Durham	66,214	2,744	45,687	24,624	138,468
Haldimand-Norfolk	17,492	841	13,835	6,529	38,700
Halton	57,419	2,023	29,104	17,024	105,570
Hamilton-Wentworth	127,775	7,124	74,585	37,132	246,617
Niagara	90,748	5,592	59,300	30,698	186,338
Ottawa-Carleton	148,036	57,495	106,522	75,696	397,649
Peel	107,152	7,192	47,394	41,552	203,291
Sudbury	39,419	1,727	46,058	15,731	102,934
Waterloo	72,126	3,703	44,998	24,771	145,597
York	46,237	903	28,903	20,462	96,501
Muskoka	8,851	175	7,823	2,391	19,240
Oxford	19,619	463	12,222	6,079	38,381
Total	1,566,531	161,072	903,745	760,948	3,392,295
Counties					
Brant	22,529	804	18,068	10,241	51,642
Bruce	10,118	456	12,979	3,985	27,538
Dufferin	4,865	254	4,780	1,633	11,532
Elgin	11,555	499	10,540	5,253	27,845
Essex	77,552	4,217	47,084	24,572	153,425
Frontenac	20,652	3,045	20,040	8,699	52,435
Grey	13,040	573	15,501	4,290	33,405
Haliburton	2,405	144	3,580	874	7,003
Hastings	18,210	1,150	20,732	8,708	48,801
Huron	9,226	277	12,083	4,459	26,045
Kent	23,035	657	17,963	7,516	49,171
Lambton	29,710	1,074	20,201	10,749	61,733
Lanark	6,807	356	11,061	4,514	22,738
Leeds and Grenville	12,233	697	13,115	5,196	31,241
Lennox and Addington	4,235	537	5,710	2,409	12,891
Middlesex	66,101	4,824	48,543	25,553	145,023
Northumberland	9,329	1,041	7,562	3,515	21,448
Perth	13,064	408	10,206	4,146	27,823
Peterborough	21,212	1,147	14,684	5,996	43,039
Prescott and Russell	8,388	206	10,446	2,822	21,862
Prince Edward	2,487	121	3,326	1,003	6,937
Renfrew	11,604	1,828	17,153	6,225	36,809
Simcoe	38,939	1,465	25,785	15,439	81,628
Stormont, Dundas and Glengarry	18,330	2,095	21,316	8,774	50,515
Victoria	6,698	318	7,490	2,736	17,242
Wellington	24,302	1,178	19,253	8,200	52,933
Total	486,627	29,371	419,201	187,505	1,122,704
Districts					
Algoma	23,923	1,288	32,450	10,590	68,251
Cochrane	14,196	955	24,056	7,150	46,355
Kenora	8,177	584	12,445	5,139	26,345
Manitoulin	984	42	3,222	658	4,906
Nipissing	13,563	1,324	19,250	6,054	40,191
Parry Sound	4,178	93	8,202	1,983	14,456
Rainy River	3,923	190	6,871	2,801	13,786
Sudbury	2,730	80	5,507	851	9,167
Thunder Bay	33,983	2,917	42,974	15,429	95,303
Timiskaming	6,543	606	8,769	2,133	18,051
Total	112,200	8,077	163,747	52,785	336,813
Provincial Total	2,165,358	198,522	1,486,693	1,001,239	4,851,812

[1] See definitions for explanations of "upper tier".

Source: Ministry of Municipal Affairs and Housing, Municipal Finance Branch

Table 14.10

Municipal Revenue Fund, Expenditures, by Upper Tier[1], Ontario 1980

		Protection				
	General Government	Fire	Police	Other	Transportation	Environment
			$000's			
Regional Governments						
Metropolitan Toronto	151,915	98,199	211,059	35,403	447,073	244,986
Durham	17,554	9,307	14,675	4,028	30,445	23,347
Haldimand-Norfolk	4,349	1,281	3,025	1,684	10,203	5,942
Halton	11,067	6,178	11,386	4,550	22,963	22,355
Hamilton-Wentworth	24,678	14,742	28,763	5,976	51,872	46,780
Niagara	18,218	11,853	21,831	3,153	41,234	35,835
Ottawa-Carleton	57,110	25,008	33,204	6,312	112,117	48,890
Peel	24,873	14,952	24,536	6,970	43,300	43,726
Sudbury	16,253	4,539	8,356	2,571	25,463	19,469
Waterloo	38,640	12,687	17,000	5,094	34,524	24,016
York	10,679	5,100	11,435	4,035	23,254	19,199
Muskoka	2,386	476	–	249	7,016	2,935
Oxford	4,022	2,080	2,902	779	10,594	5,964
Total	381,745	206,401	388,081	80,904	860,058	543,446
Counties						
Brant	5,622	3,783	5,090	1,594	10,594	7,604
Bruce	3,653	730	1,217	792	10,652	3,684
Dufferin	1,328	306	884	256	4,185	1,068
Elgin	2,829	1,593	1,772	812	7,453	4,425
Essex	18,572	10,445	18,825	2,975	35,644	31,656
Frontenac	4,945	3,874	3,949	1,155	12,312	7,593
Grey	3,098	1,634	1,764	1,232	12,153	4,732
Haliburton	1,121	188	16	129	3,095	430
Hastings	4,571	3,068	3,665	1,223	14,112	7,774
Huron	3,253	642	1,213	856	10,310	3,049
Kent	6,945	2,914	3,771	2,105	11,895	9,376
Lambton	6,521	3,710	4,544	3,100	14,862	10,767
Lanark	2,121	578	1,278	283	7,343	2,768
Leeds and Grenville	3,596	1,707	1,985	642	8,976	4,531
Lennox and Addington	1,629	452	279	555	4,881	1,587
Middlesex	14,436	10,496	13,809	3,721	33,447	25,196
Northumberland	2,415	741	1,341	1,495	6,753	5,074
Perth	2,990	2,007	2,312	853	8,131	3,492
Peterborough	5,779	3,429	3,656	1,113	13,191	6,746
Prescott & Russell	3,503	658	513	415	6,040	2,318
Prince Edward	1,061	348	260	316	2,097	896
Renfrew	3,762	2,003	1,858	232	10,130	4,578
Simcoe	10,069	4,199	6,174	1,980	23,156	13,839
Stormont, Dundas and Glengarry	7,116	2,182	3,077	1,598	15,272	7,701
Victoria	2,420	734	766	350	6,761	1,958
Wellington	5,605	4,086	4,746	2,110	14,698	6,507
Total	128,962	66,505	88,766	31,853	308,143	179,348
Districts						
Algoma	7,061	4,303	5,957	1,776	17,327	9,932
Cochrane	4,798	2,624	3,125	1,090	11,518	7,434
Kenora	2,506	1,026	1,571	173	5,374	4,754
Manitoulin	629	90	–	35	1,146	296
Nipissing	3,614	2,782	4,032	990	9,097	6,819
Parry Sound	2,073	551	280	168	4,770	1,601
Rainy River	1,838	508	1,164	55	3,491	1,503
Sudbury	1,390	243	332	56	2,091	1,097
Thunder Bay	8,452	6,454	7,660	4,948	20,321	12,533
Timiskaming	2,860	1,032	906	171	6,115	3,557
Total	35,221	19,610	25,029	9,463	81,250	49,528
Provincial Total	545,928	292,516	501,876	122,191	1,249,450	772,321

Table 14.10 (cont'd.)

Municipal Revenue Fund, Expenditures, by Upper Tier[1], Ontario 1980

	Health and Social	Culture and Recreation	Planning	Total Expenditures	In Year Surplus (Deficit)
			$000's		
Regional Governments					
Metropolitan Toronto	311,263	204,882	33,884	1,738,669	(475,298)
Durham	29,101	16,685	4,284	149,426	(19,200)
Haldimand-Norfolk	8,803	3,429	2,524	41,240	(6,681)
Halton	15,416	16,380	2,359	112,654	(14,365)
Hamilton-Wentworth	48,405	28,280	8,403	257,809	(60,186)
Niagara	34,973	17,611	5,626	190,334	(42,494)
Ottawa-Carleton	78,142	40,553	16,736	418,072	(61,754)
Peel	26,892	26,563	4,772	216,584	(33,376)
Sudbury	18,165	10,483	3,081	108,380	(20,087)
Waterloo	24,558	22,219	3,948	182,686	(24,174)
York	13,396	13,155	2,862	103,115	(21,658)
Muskoka	4,392	1,797	709	19,960	(2,563)
Oxford	7,368	4,133	3,094	40,936	(5,160)
Total	620,872	406,172	92,281	3,579,860	(774,066)
Counties					
Brant	11,835	6,991	1,254	54,367	(1,084)
Bruce	4,963	3,432	1,643	30,766	(2,159)
Dufferin	2,973	1,099	633	12,732	(1,128)
Elgin	6,916	2,326	2,060	30,186	(1,814)
Essex	29,733	17,418	6,780	172,048	(401)
Frontenac	13,008	5,874	2,339	55,049	(1,979)
Grey	7,161	3,512	1,293	36,579	(1,275)
Haliburton	1,490	669	146	7,284	(480)
Hastings	10,468	4,572	1,926	51,379	(1,089)
Huron	6,005	3,024	3,508	31,860	(1,516)
Kent	8,833	4,842	4,543	55,224	(2,890)
Lambton	11,947	6,974	7,005	69,430	(3,434)
Lanark	5,859	2,776	1,471	24,477	(889)
Leeds and Grenville	7,474	2,956	1,004	32,871	(833)
Lennox and Addington	2,575	1,267	806	14,031	(980)
Middlesex	27,441	19,812	5,673	154,031	(2,516)
Northumberland	857	2,365	721	21,762	(1,564)
Perth	5,249	3,055	3,037	31,126	(1,091)
Peterborough	8,449	4,447	994	47,804	(102)
Prescott and Russell	6,478	2,729	1,435	24,089	(2,012)
Prince Edward	1,444	659	326	7,407	(856)
Renfrew	10,812	4,060	1,338	38,773	(1,033)
Simcoe	13,282	8,689	3,685	85,073	(4,875)
Stormont, Dundas and Glengarry	9,574	5,359	4,463	56,342	(514)
Victoria	3,301	2,000	742	19,032	(1,375)
Wellington	10,160	6,229	2,370	56,511	(2,822)
Total	228,287	127,137	61,195	1,220,233	(40,711)
Districts					
Algoma	15,108	8,434	2,946	72,844	1,234
Cochrane	10,868	5,720	1,094	48,271	(33)
Kenora	8,247	3,012	1,450	28,113	429
Manitoulin	2,136	624	121	5,079	(20)
Nipissing	8,162	4,204	1,427	41,127	(714)
Parry Sound	3,941	1,230	588	15,202	77
Rainy River	3,714	1,740	655	14,661	(56)
Sudbury	2,889	1,301	210	9,609	24
Thunder Bay	21,968	13,187	4,524	100,047	940
Timiskaming	4,117	2,216	1,510	22,484	(129)
Total	81,150	41,668	14,525	357,449	1,752
Provincial Total	930,311	574,977	168,001	5,157,543	(813,025)

1) See definitions for explanation of "upper tier".
2) Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.

Source: Ministry of Municipal Affairs and Housing, Municipal Finance Branch

Municipal Capital Fund, Ontario, 1969-1980

	Applications										
									Transfers		
	General Government	Protection	Transportation	Environment	Health and Social	Recreation	Planning	Total Own Applications	Enterprises	Other	Total Capital Outlay
						$'000's					
1969	16,852	12,720	175,318	50,093	10,832	22,684	29,320	317,819	39,948	13,614	371,381
1970	12,108	11,620	201,789	49,121	11,122	28,852	25,498	340,110	34,099	17,140	391,349
1971	8,790	18,195	248,364	83,815	11,870	41,495	20,829	433,358	37,388	16,479	487,225
1972	23,281	23,126	259,806	80,294	22,715	69,220	22,353	500,795	27,763	21,861	550,419
1973	23,353	22,618	275,659	89,222	12,105	71,643	21,929	516,529	65,990	29,584	612,103
1974	23,816	32,438	343,872	124,720	13,563	120,099	27,035	685,543	50,616	35,941	772,101
1975	46,065	30,861	408,666	250,341	23,211	140,816	68,346	968,326	50,099	-[2]	1,018,425
1976	42,376	39,014	399,769	233,654	28,124	124,972	74,387	942,296	91,812	-[2]	1,034,108
1977[1]	37,764	38,524	449,238	310,597	42,914	146,528	80,657	1,106,222	-[4]	-[4]	1,106,222
1978	61,412	45,879	441,888	355,313	57,753	137,839	95,359	1,195,441	-[4]	-[4]	1,195,441
1979	74,192	38,636	436,557	353,486	60,500	128,988	106,204	1,198,563	-[4]	-[4]	1,198,563
1980	83,161	44,619	490,055	333,700	57,678	129,995	116,706	1,255,914	-[4]	-[4]	1,255,914

Table 14.11 (cont'd)

	Sources								
					Debt Incurred			Balance[1]	
	Revenue Fund	Reserves and Reserve Funds	Ontario Grants	Other Sources	Government	Public	Total Sources	In Year	Accumulated at Year End
					$'000's				
1969	65,170	30,022	74,821	38,317	30,053	132,789	371,172	(209)	(148,840)
1970	72,385	30,585	90,148	41,537	30,738	156,782	422,175	30,826	(121,655)
1971	87,320	46,081	104,977	41,213	50,269	171,266	501,246	13,921	(107,501)
1972	102,586	49,883	109,970	57,131	49,482	176,241	545,293	(5,126)	(107,708)
1973	109,694	64,959	126,873	58,126	53,665	201,279	614,596	2,493	(104,728)
1974	115,626	80,867	171,969	62,223	52,556	167,162	650,402	(121,699)	(222,485)
1975	148,322	78,219	267,748	86,798	92,330	241,973	915,390	(103,035)	(325,831)
1976	148,873	93,766	284,161	105,465	93,000[3]	454,072[3]	1,179,337	145,230	(181,568)
1977	192,841	126,854	316,708	144,102	461,016		1,241,521	135,299	(76,993)[5]
1978	209,673	154,893	300,986	154,000	266,661		1,086,213	(109,228)	(183,467)
1979	229,784	194,869	327,488	147,634	314,219		1,213,994	(15,431)	169,815
1980	273,820	200,063	340,902	171,701	289,794		1,276,280	17,409	(152,204)

[1] Unexpected financing is shown without brackets; unfinanced expenditures are shown in brackets.
[2] Transfers to local boards included in "functional" classification.
[3] Breakdown is estimated.
[4] Now reported by a municipality as gross expenditures under the appropriate function (transfer to:) reported as "other revenue" (transfer from).
[5] Accumulated balance is higher than indicated from 1976 figures due to the consolidation of local boards and municipal enterprises, particularly water and transit systems.

Source: Ministry of Intergovernmental Affairs, *Municipal Budgets and Accounts Branch*.

Table 14.12

Municipal Capital Fund, by Upper Tier[1], Ontario, 1980

	Total Capital Outlay	Total Sources	Balance[2]	
			In Year	Accumulated
		$000's		
Regional Governments				
Metropolitan Toronto	270,896	291,366	20,471	4,127
Durham	47,439	50,267	2,675	(2,998)
Haldimand-Norfolk	15,755	17,006	1,251	(1,728)
Halton	37,141	40,163	3,020	(3,872)
Hamilton-Wentworth	59,050	38,142	(20,908)	8,605
Niagara	49,362	43,762	(5,602)	(14,308)
Ottawa-Carleton	98,679	130,595	31,916	(14,267)
Peel	86,327	66,959	(19,368)	(4,325)
Sudbury	23,905	29,556	5,644	(6,771)
Waterloo	41,165	42,681	1,515	(2,340)
York	43,691	46,342	2,550	(1,805)
Muskoka	5,218	5,085	(135)	(1,489)
Oxford	16,414	13,772	(2,642)	(7,560)
Total	795,047	815,694	20,387	(48,731)
Counties				
Brant	15,089	11,326	(3,761)	(10,614)
Bruce	10,706	11,343	572	(587)
Dufferin	4,440	4,159	(283)	(1,254)
Elgin	10,144	8,691	(1,453)	(2,798)
Essex	51,419	49,042	(2,430)	(19,133)
Frontenac	9,168	11,612	2,419	(6,126)
Grey	11,885	11,101	(782)	(3,340)
Haliburton	2,333	2,294	(39)	(200)
Hastings	13,260	10,430	(2,829)	(4,498)
Huron	12,261	11,931	(369)	(1,604)
Kent	23,288	22,363	(988)	(6,674)
Lambton	34,074	33,071	(1,010)	(6,209)
Lanark	7,093	6,956	(140)	(526)
Leeds and Grenville	9,742	10,166	390	(2,437)
Lennox and Addington	6,649	6,850	201	(1,061)
Middlesex	36,146	37,695	1,548	2,612
Northumberland	5,623	6,284	661	(1,119)
Perth	11,279	11,401	122	(1,275)
Peterborough	9,036	9,176	104	(3,494)
Prescott and Russell	10,562	10,052	(511)	(2,580)
Prince Edward	1,837	1,554	(284)	(354)
Renfrew	9,471	8,768	(889)	(2,119)
Simcoe	31,339	27,447	(3,894)	(6,808)
Stormont, Dundas and Glengarry	16,502	20,737	4,236	(2,352)
Victoria	6,066	6,315	249	(548)
Wellington	15,034	16,697	1,662	(3,668)
Total	374,446	367,462	(7,498)	(88,766)
Districts				
Algoma	18,652	19,485	172	(3,296)
Cochrane	11,221	11,562	(546)	(1,096)
Kenora	9,543	9,024	(963)	(1,725)
Manitoulin	1,195	842	(352)	(660)
Nipissing	8,378	7,419	(956)	(4,750)
Parry Sound	2,777	3,046	382	217
Rainy River	2,577	2,682	(66)	(413)
Sudbury	1,485	2,051	566	(584)
Thunder Bay	25,818	31,990	6,039	(2,190)
Timiskaming	4,775	5,022	244	(210)
Total	86,421	93,124	4,520	(14,707)
Provincial Total	1,255,914	1,276,280	17,409	(152,204)

1) See definitions for explanation of "upper tier".
2) Unexpected financing is shown without brackets: unfinanced expenditures are shown in brackets.

Source: Ministry of Municipal Affairs and Housing, Municipal Finance Branch.

Table 14.13

Government[1] Revenue, Expenditure and Surplus or Deficit on a National Accounts Basis, Ontario, Selected Years, 1973-1980[r]

	1973	1974	1975	1976	1977	1978	1979	1980
				$ Million				
Revenue[2]	23,182	27,773	30,449	34,854	37,724	40,649	45,312	50,606
Direct Taxes, Persons	7,093	8,469	9,402	10,864	11,724	12,275	13,512	15,567
Direct Taxes Corporations[3]	2,233	2,949	2,979	2,685	2,548	2,977	3,620	4,197
Direct Taxes Non-residents, Federal	213	262	271	294	311	339	440	580
Indirect Taxes	7,120	8,372	8,450	10,048	11,107	11,855	13,451	14,601
Other Current Transfers from Persons	687	738	730	969	1,072	1,239	1,343	1,398
Investment Income	1,576	1,910	2,276	2,657	3,110	3,734	4,143	4,709
Current Transfers from Other Levels of Government[2]	4,261	5,073	6,341	7,337	7,852	8,230	8,803	9,554
Current Expenditure[2]	19,807	23,701	29,179	32,891	36,396	39,928	43,461	49,036
Current Expenditure on Goods and Services[4]	9,302	10,871	13,069	14,573	16,373	17,455	18,716	20,639
Transfer Payments to Persons[5]	3,685	4,562	5,696	6,232	6,842	7,780	8,168	9,605
Subsidies	249	493	720	661	676	723	986	1,255
Capital Assistance	78	71	152	170	169	162	124	257
Current Transfers to Non-residents	–	–	–	–	–	–	–	–
Interest on Public Debt	2,232	2,631	3,201	3,918	4,484	5,578	6,664	7,726
Current Transfers to Other Levels of Government[2]	4,261	5,073	6,341	7,337	7,852	8,230	8,803	9,554
Savings[6]	3,375	4,072	1,270	1,963	1,328	721	1,851	1,570
Surplus or Deficit								
Saving as above:								
Add:								
Capital Consumption Allowance	587	736	860	954	1,059	1,170	1,321	1,520
Deduct:								
Gross Capital Formation	1,396	1,796	1,905	1,832	1,903	1,982	2,028	2,081
Equals:								
Surplus (+) or Deficit (–)	2,566	3,012	225	1,085	484	–91	1,144	1,009

1) Includes federal, provincial and local levels of government

2) For an accurate figure for total revenue and expenditure, the current transfers to other levels of government should be subtracted

3) Includes corporate and government business and enterprises

4) Includes capital consumption allowances

5) Excludes interest on the public debt and capital assistance to persons and unincorporated business

6) Total revenue less total current expenditure

Source: SC, *Provincial Economic Accounts*, (13-213).

Table 14.14

Federal and Provincial Governments Bond[1] Issues and Retirements, Canada, 1968-1981[2]

	1970	1971	1972	1973	1974	1975	1976	1977	1978r	1979r	1980	1981
	$ Million Canadian - par value											
Government of Canada direct and guaranteed bonds												
Gross new issues delivered												
In Canada	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	13,249	14,000	14,410	19,510
Abroad	–	–	–	–	–	–	–	–	2,316	728	–	359
Total	4,359	5,208	3,470	3,138	9,057	6,129	6,137	8,562	15,565	14,728	14,410	19,869
Retirement												
In Canada	3,135	2,864	2,200	3,725	5,740	2,695	3,547	3,024	7,893	8,568	8,495	7,083r
Abroad	110	2	2	90	45	37	2	2	2	2	2	2
Total	3,245	2,866	2,201	3,815	5,785	2,732	3,549	3,026	7,895	8,569	8,497	7,085r
Net new issues												
In Canada	1,224	2,344	1,270	−588	3,317	3,434	2,590	5,538	5,356	5,433	5,915	12,427r
Abroad	−110	−2	−2	−90	−45	−37	−2	−2	2,315	726	−2	357
Total	1,114	2,342	1,269	−677	3,272	3,397	2,588	5,536	7,670	6,159	5,913	12,784r
Provincial direct and guaranteed bonds												
Gross new issues delivered												
In Canada	2,230	2,621	2,717	2,762	3,221	4,671	5,467	5,633	6,472	6,627	9,751	7,099r
Abroad	574	696	1,044	877	1,623	3,339	4,845	3,172	2,168	2,192	1,407	6,350r
Total	2,804	3,318	3,761	3,639	4,844	8,010	10,312	8,805	8,641	8,819	11,158	13,449r
Retirements												
In Canada	537	369	598	661	897	806	748	895	885	1,665	1,350	1,303r
Abroad	189	349	252	304	182	410	303	447	516	691	1,101	823r
Total	725	718	850	965	1,079	1,216	1,051	1,342	1,402	2,356	2,451	2,126r
Net new issues												
In Canada	1,694	2,252	2,119	2,101	2,324	3,865	4,719	4,738	5,587	4,962	8,401	5,796r
Abroad	385	347	792	573	1,441	2,929	4,542	2,724	1,652	1,501	306	5,527
Total	2,079	2,599	2,911	2,674	3,765	6,794	9,261	7,463	7,239	6,463r	8,708	11,323r

1) Includes non-marketable bonds.
2) The data for this table have been extensively revised from 1970.

Source: *Bank of Canada Review.*

Table 14.15

Marketable Bond Issues[1] and Retirements[2], Ontario, 1977-1981

Years and Quarters		Canada						Foreign[3]										All Currencies	
		Direct		Guaranteed		Total		U.S.		Other Curr.		Total		Direct		Guaranteed			
		Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net
		$ Million Canadian par value																	
1977		–	−62	750	544	750	482	521	460	131	116	652	576	521	456	131	120	1,402	1,058
1978		–	−32	800	616	800	584	792	709	140	65	932	774	792	705	140	69	1,732	1,358
1979		–	−113	600	468	600	355	702	636	–	−11	702	625′	702	636′	–	−11	1,302	980′
1980		–	−146	950	774	950	628	–	−126	–	−116	–	−242	–	−133	–	−109	950	386
1981		–	−29	550	387	550	358	657	482	539	473	1,196	955	657	511	539	444	1,746	1,313
1977	I	–	−2	400	335	400	334	306	306	–	−8	306	298	306	302	–	−4	706	632
	II	–	–	200	106	200	106	–	–	131	130	131	130	–	–	131	130	331	236
	III	–	–	–	−28	–	−28	215	214	–	−4	215	210	215	214	–	−4	215	182
	IV	–	−61	150	131	150	70	–	−59	–	−3	–	−62	–	−60	–	−3	150	8
1978	I	–	–	200	131	200	131	275	275	–	−8	275	267	275	271	–	−4	475	398
	II	–	−32	400	394	400	362	224	224	140	138	364	362	224	224	140	138	764	724
	III	–	–	200	166	200	166	–	–	–	−4	–	−4	–	–	–	−4	200	162
	IV	–	–	–	−75	–	−75	293	210	–	−61	293	149	293	210	–	−61	293	74
1979	I	–	−54	–	−24	–	−78	352	348	–	−4	352	344	352	348	–	−4	352	266
	II	–	–	600	565	600	565	–	–	–	–	–	–	–	–	–	–	600	565
	III	–	−28	–	−24	–	−52	350	349	–	−4	350	345	350	349	–	−4	350	293
	IV	–	−31	–	−49	–	−80	–	−61′	–	−3	–	−64′	–	−61′	–	−3	–	−144′
1980	I	–	−21	325	299			–	−29	–	−8	–	−37	–	−33	–	−4	325	241
	II	–	−37	325	325	325	288	–	–	–	−4	–	−4	–	–	–	−4	325	284
	III	–	−88	–	−35	–	−123	–	–	–	−100	–	−100	–	−3	–	−97	–	−223
	IV	–	–	300	185	300	185	–	−97	–	−4	–	−101	–	−97	–	−4	300	84
1981	I	–	−11	325	286	325	275	–	−43	120	101	120	58	–	−8	120	66	445	333
	II	–	−18	225	166	225	148	360	312	–	−6	360	306	360	312	–	−6	585	454
	III	–	–	–	−25	–	−25	–	–	182	176	182	176	–	−6	182	182	182	151
	IV	–	–	–	−40	–	−40	297	213	237	202	534	415	297	213	237	202	534	375

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[1] Marketable bonds are negotiable bonds placed with investment dealers.
[2] Retirements equal "gross" minus "net" issues.
[3] Gross issues and retirements of Foreign Currency issues are calculated at the rate of exchange in force at the time when the proceeds were received.

Source: Public Accounts and Finance Management Branch, Debt Model System.

Table 14.16

Official International Reserves, Canada, 1953-1981[1]

End of Period	Convertible Foreign Currencies U.S. Dollars	Convertible Foreign Currencies Other	Gold	Special Drawing Rights	Reserve position in the International Monetary Fund	Total	Total in Millions of SDR's
				$ Million U.S.			
1953	839.2	-	986.1	...	75.0	1,900.3	...
1954	877.5	-	1,072.1	...	75.0	2,025.2	...
1955	775.3	-	1,133.9	...	75.0	1,984.2	...
1956	842.0	-	1,103.3	...	90.0	2,035.3	...
1957	738.2	-	1,100.3	...	90.0	1,928.5	...
1958	869.2	-	1,078.1	...	90.0	2,037.3	...
1959	917.7	-	959.6	...	152.5	2,029.8	...
1960	953.0	-	885.3	...	152.5	1,990.8	...
1961	1,123.0	10.7	946.2	...	212.1	2,292.0	...
1962	1,842.8	9.2	708.5	...	-	2,560.5	...
1963	1,786.6	9.5	817.2	...	-	2,613.3	...
1964	1,654.5	11.8	1,025.7	...	197.5	2,889.5	...
1965	1,519.9	12.8	1,150.8	...	353.4	3,036.9	...
1966	1,195.4	12.4	1,045.6	...	448.5	2,701.9	...
1967	1,255.2	13.4	1,014.9	...	433.4	2,716.9	...
1968	1,964.9	11.6	863.1	...	206.2	3,045.8	...
1969	1,743.6	12.3	872.3	...	478.1	3,106.3	...
1970	3,022.1	14.5	790.7	182.1	669.6	4,679.0	4,679.0
1971	4,060.6	13.6	791.8	371.9	332.6	5,570.4	5,570.4
1972	4,355.0	12.6	834.1	505.2	342.9	6,049.9	5,572.3
1973	3,927.2	12.2	926.9	563.7	338.2	5,768.2	4,781.5
1974	3,767.7	12.9	940.7	574.3	529.7	5,825.3	4,757.9
1975	3,207.1	15.7	899.4	555.4	648.0	5,325.6	4,549.3
1976	3,446.3	15.8	879.0	557.8	944.5	5,843.4	5,029.2
1977	2,298.7	15.8	935.6	505.3	852.1	4,607.5	3,793.1
1978	2,459.5	18.4	1,009.1	522.4	556.8	4,566.2	3,504.9
1979	1,863.9	23.9	1,022.6	585.9	390.6	3,886.9	2,950.6
1980	2,037.6	23.1	936.6	453.2	579.0	4,029.6	3,159.5
1981	2,865.3	95.8	833.7	174.0	402.4	4,371.1	3,755.4

[1] Prior to May, 1972, SDR's, gold and Canada's reserve position in the IMF were valued on the basis of gold at U.S. $35 per fine ounce. They were revalued to U.S. $38 in May, 1972 and to U.S. $42.2222 in October, 1973. Beginning in July, 1974, these assets are valued on the basis of the month-end value of the SDR in terms of the U.S. dollar as determined by the IMF.

Source: Department of Finance.
Bank of Canada, *Bank of Canada Review*.

Table 14.17

Chartered Banks Selected Assets in Canadian Currency, Ontario, Quarterly, 1972-1981[1]

	Total Personal Loans	Loans to Farmers	Business Loans under Authorized Limits of: Less than $200,000	Business Loans under Authorized Limits of: $5 Million or more	Loans to Provinces and Municipalities	Provincial and Municipal Securities	Mortgages Insured under NHA	Other Residential Mortgages	Total Bank Assets
					$Million				
1972									
1st Quarter	2,363	416	783	..	274	455	769	239	..
2nd Quarter	2,574	450	849	..	268	438	828	277	..
3rd Quarter	2,655	476	906	..	139	402	927	325	..
4th Quarter	2,789	505	864	..	135	426	1,002	352	..
1973									
1st Quarter	2,899	483	950	..	262	420	1,072	388	..
2nd Quarter	3,190	531	1,004	..	204	440	1,105	436	..
3rd Quarter	3,310	574	995	..	140	420	1,065	523	..
4th Quarter	3,413	630	976	..	145	450	1,092	603	..
1974									
1st Quarter	3,539	584	1,029	..	257	447	1,105	699	..
2nd Quarter	3,835	610	1,096	2,943	161	418	1,179	848	25,072
3rd Quarter	4,066	655	1,629	3,052	174	426	1,228	950	26,206
4th Quarter	4,694	689	1,562	3,359	200	451	1,288	1,054	28,199
1975									
1st Quarter	4,740	644	1,646	3,212	326	525	1,300	1,103	28,080
2nd Quarter	4,956	697	1,772	3,403	227	562	1,387	1,227	29,325
3rd Quarter	5,120	749	1,724	3,465	170	520	1,505	1,321	29,412
4th Quarter	5,541	807	1,708	3,663	263	548	1,625	1,318	31,515
1976									
1st Quarter	5,591	775	1,927	4,104	440	564	1,674	1,326	32,057
2nd Quarter	5,940	848	2,028	3,907	201	540	1,728	1,313	33,668
3rd Quarter	5,901	911	2,059	4,112	123	485	1,848	1,341	33,659
4th Quarter	6,607	963	2,197	4,247	160	483	2,014	1,363	33,525
1977									
1st Quarter	6,949	952	2,337	4,530	398	429	2,113	1,403	37,039
2nd Quarter	7,225	1,082	2,424	4,454	156	398	2,270	1,539	39,042
3rd Quarter	7,385	1,153	2,511	4,736	103	369	2,527	1,616	40,868
4th Quarter	7,766	1,177	2,562	4,432	145	373	2,784	1,626	42,724
1978									
1st Quarter	7,678	1,147	2,600	4,268	387	356	2,921	1,661	43,552
2nd Quarter	8,036	1,302	2,703	4,311	157	363	3,118	1,791	45,817
3rd Quarter	8,275	1,430	2,677	4,475	135	366	3,392	2,017	47,336
4th Quarter	8,606	1,527	2,792	4,567	177	326	3,638	2,235	51,422
1979									
1st Quarter	8,626	1,510	2,986	5,083	447	343	3,714	2,292	52,769
2nd Quarter	9,023	1,725	2,955	5,808	158	301	3,823	2,528	56,045
3rd Quarter	9,305	1,851	2,662	6,036	140	283	4,035	2,692	57,661
4th Quarter	9,692	1,932	3,056	7,265	164	252	4,028	2,728	61,020
1980									
1st Quarter	9,810	1,963	3,175	7,597	353	265	4,030	2,868	62,093
2nd Quarter	9,934	2,123	3,073	8,785	169	241	4,001	2,916	64,366
3rd Quarter	10,140	2,210	3,150	7,477	135	227	3,910	3,001	65,093
4th Quarter	10,859	2,274	3,260	9,146	209	201	3,893	3,020	68,426
1981									
1st Quarter	10,934	2,198	3,489	10,574	513	192	3,729	2,911	72,114
2nd Quarter	11,245	2,278	3,342	11,607	308	162	3,690	2,419	76,840
3rd Quarter	11,459	2,305	3,749	13,048	201	149	3,599	2,859	81,444
4th Quarter	12,001	2,261	3,463	13,254	291	129	..	..	86,118

[1] End of period.

Source: Bank of Canada, *Bank of Canada Review*.

Table 14.18

Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960-1981

	Canada	Ontario	Brantford	Chatham	Cornwall	Guelph	Hamilton	Kingston	Kitchener	London	Niagara Falls
						$'000's					
1960	277,810,037	130,109,053	688,254	655,467	406,526	439,128	5,730,223	520,401	1,268,458	3,438,475	524,104
1961	302,741,442	139,993,124	693,833	654,195	455,088	464,919	5,988,206	561,700	1,321,571	3,728,758	520,090
1962	335,798,492	156,038,681	791,851	665,473	476,467	514,090	6,709,167	627,367	1,580,719	4,184,759	583,748
1963	371,824,999	169,338,480	855,872	756,246	519,027	580,360	7,429,937	709,932	1,796,074	4,759,177	614,568
1964	430,263,557	199,554,242	921,946	868,547	609,142	637,564	8,570,766	809,636	2,006,150	5,763,605	686,661
1965	491,027,941	229,053,833	1,037,147	932,891	684,950	746,659	9,968,268	940,493	2,322,531	7,062,318	862,986
1966	537,826,117	244,285,748	1,229,858	997,126	864,691	810,868	10,734,804	1,019,805	2,764,606	7,234,046	951,241
1967	585,081,687	267,031,237	1,538,214	1,153,382	854,930	972,781	10,882,411	1,104,544	2,871,119	7,866,449	956,857
1968	636,698,635	297,010,095	1,453,105	1,307,569	883,854	1,081,339	12,293,037	1,253,610	3,279,098	8,488,986	970,326
1969	735,404,385	359,525,489	1,569,803	1,403,253	1,064,134	1,192,692	14,877,229	1,448,269	4,107,962	9,540,367	1,056,634
1970	817,910,483	414,779,688	1,785,387	1,560,325	999,264	1,199,477	15,484,281	1,496,145	4,237,706	10,272,665	1,107,274
1971	919,462,343	478,184,724	1,734,427	2,429,682	1,093,852	1,344,384	16,928,597	1,683,604	4,626,746	11,671,346	1,111,849
1972	1,065,933,245	558,772,881	1,966,049	3,235,953	1,177,124	1,627,043	17,335,918	1,818,886	5,192,030	13,765,435	1,221,412
1973	1,369,885,495	743,978,034	2,572,036	3,190,927	1,236,573	2,079,556	21,948,165	2,169,193	6,447,658	16,887,429	1,522,608
1974	1,698,779,734	868,740,794	3,170,916	4,740,885	1,627,532	2,793,019	27,388,829	2,666,718	7,875,556	21,301,385	1,706,643
1975	2,138,527,425	1,113,864,354	3,547,314	5,943,811	1,521,999	2,748,055	32,453,937	3,288,570	9,082,502	24,939,943	1,596,864
1976	2,469,599,223r	1,248,446,278r	4,364,017	7,541,476	1,790,783	3,203,187	34,498,706	3,590,246	9,892,778	27,301,658	2,163,060
1977	2,718,308,268	1,388,567,929	4,553,957	6,647,119	1,856,996	3,315,116	35,894,556	3,599,949	9,654,646	29,287,012	2,420,402
1978	3,138,384,560	1,731,966,943	5,090,393	7,291,827	2,129,892	3,751,238	40,076,581	3,993,812	10,730,266	27,574,050	2,605,235
1979	4,018,229,803	2,400,375,966	4,945,878	11,086,964	2,326,119	4,627,782	50,395,139	3,720,686	12,293,721	31,471,822	3,038,255
1980	5,375,335,610	3,389,469,317	5,239,675	12,880,367	2,682,073	5,372,599	60,051,166	4,692,418	12,955,212	37,954,523	3,974,506
1981	6,681,823,039	4,222,341,374	6,858,176	13,961,058	3,465,142	6,318,553	74,066,891	5,651,897	14,060,547	46,847,078	4,352,296

Table 14.18 (cont'd.)
Cheques Cashed Against Individual Accounts, by Selected City, Canada and Ontario, 1960-1981

	Oshawa	Ottawa[2]	Peter-borough	St. Catharines	Sarnia	Sault Ste. Marie	Sudbury	Thunder Bay[1]	Timmins	Toronto	Windsor
						$'000's					
1960	2,403,255	5,428,618	588,320	861,905	631,965	849,716	650,352	...	191,111	101,652,499	2,344,058
1961	2,866,512	5,923,469	566,260	959,735	701,576	820,240	711,292	...	203,137	109,570,868	2,399,362
1962	3,594,666	6,765,125	615,616	1,089,736	761,867	904,898	792,746	...	227,646	121,733,430	2,517,840
1963	4,273,812	7,472,755	696,514	1,162,836	745,363	993,783	812,918	...	236,354	130,999,231	2,939,769
1964	4,818,992	8,601,107	850,500	1,504,844	760,770	1,019,060	838,983	...	272,200	155,418,798	3,531,255
1965	5,750,542	8,687,423	927,069	1,796,657	888,766	1,058,707	973,684	...	287,949	178,642,251	4,234,667
1966	5,933,947	9,624,047	1,071,951	2,020,306	1,094,866	1,149,027	1,095,945	...	388,007	188,901,897	5,038,315
1967	5,914,578	12,363,375	1,217,405	2,123,929	1,253,850	1,178,571	1,274,936	...	349,735	205,975,596	5,722,255
1968	6,550,238	13,090,133	1,209,206	2,261,310	1,427,132	1,242,601	1,477,068	...	370,924	230,701,009	6,235,946
1969	7,146,531	14,705,592	1,230,405	2,421,445	1,559,025	1,228,557	1,698,729	...	435,559	284,035,312	7,120,960
1970	5,746,732	15,386,126	1,266,631	2,262,528	1,538,798	2,440,059	1,937,429	1,888,555	447,868	336,567,159	7,155,279
1971	8,651,600	18,309,177	1,339,532	2,524,045	1,651,158	3,139,508	2,239,210	2,359,606	499,787	387,036,643	7,809,971
1972	8,694,246	20,365,185	1,447,390	2,719,899	1,723,631	1,925,422	2,337,870	2,442,856	547,931	460,485,009	8,743,592
1973	11,518,022	23,108,386	1,692,647	3,154,779	2,015,778	6,091,621	2,475,438	2,807,134	622,591	621,392,070	11,045,423
1974	14,689,196	27,971,471	2,072,940	3,778,119	2,622,763	5,008,439	2,643,897	3,435,648	929,905	719,525,626	12,791,307
1975	17,164,346	32,676,364	2,362,713	4,444,613	3,226,521	7,213,588	3,205,476	3,966,255	1,229,403	938,561,392	14,690,688
1976	19,006,928	39,130,494	2,783,144	8,842,139	4,169,187	13,589,043	3,399,214	4,741,570	1,446,615	1,040,413,731	16,578,302
1977	19,635,233	46,651,477	2,942,556	7,294,795	5,441,980	15,440,821	3,763,072	5,359,243	1,615,077	1,166,699,971	16,493,951
1978	18,414,117	50,836,016	3,395,659	7,129,914	6,760,246	6,214,573	3,801,690	6,192,851	1,557,349	1,506,364,977	18,056,257
1979	21,010,640	58,811,803	3,525,738	9,481,097	8,272,609	4,691,641	4,017,332	6,982,617	1,685,252	2,136,747,736	21,243,135
1980	24,892,618	78,725,096	3,621,584	8,974,098	9,094,733	4,510,206	5,021,321	7,370,181	2,018,989	3,078,721,838	20,716,114
1981	23,295,172	102,051,478	4,506,351	9,965,336	14,311,798	5,922,687	5,915,576	8,679,742	2,737,132	3,847,301,961	22,072,503

[1] Fort William merged with Port Arthur in 1970 to form the Thunder Bay Clearing Centre

[2] Ottawa figures exclude some items shown in previous years.

Source: Statistics Canada, *Cheques Cashed*, (61–001)

Table 14.19

Consumer Credit: Outstanding Balances of Selected Holders, Canada, 1970-1982[1]

	Reported Monthly							Reported Quarterly	
End of Period	Chartered Bank Total Personal Loans	Sales Finance and Consumer Loan Companies	Life Insurance Company Policy Loans	Québec Savings Banks (Unsecured Personal Loans)	Department Stores	Trust and Mortgage Loan Companies	Total of Foregoing	Credit Unions and Caisses Populaires	Total
					$ Million				
1970	5,235	2,851	759	22	720	..	9,586	1,493	11,079
1971	6,512	2,366	784	25	754	..	10,441	1,690	12,131
1972	7,989	2,646	813	30	823	46	12,347	2,000	14,347
1973	9,798	2,912	884	36	961	82	14,673	2,420	17,093
1974	11,567	3,118	1,066	44	1,126	145	17,065	2,762	19,827
1975	14,024	3,054	1,149	58	1,232	199	19,717	3,243	22,960
1976	16,907	3,030	1,232	72	1,314	287	22,842	3,884	26,725
1977	19,494	2,937	1,291	87	1,381	368	25,557	4,512	30,069
1978	22,475	3,073	1,373	104	1,519	650	29,194	5,490	34,684
1979	26,112	2,889	1,569	142	1,632	981	33,325	6,218	39,543
1980	29,677	2,735	1,853	169	1,658	1,544	37,636	6,391	44,027
1981	32,586	3,130	2,331	154	1,788	1,872	41,861	6,083	47,670
1980									
J	26,180	2,919	1,569	143	1,511	993	33,315	...	...
F	26,365	2,960	1,595	146	1,454	1,067	33,586	...	...
M	26,572	3,007	1,625	149	1,388	1,181	33,923	6,370	40,293
A	26,876	3,017	1,676	151	1,397	1,287	34,403	...	...
M	27,177	3,033	1,715	154	1,381	1,253	34,713	...	...
J	27,443	3,043	1,736	158	1,359	1,256	34,996	6,413	41,409
J	27,724	2,934	1,748	161	1,341	1,276	35,183	...	...
A	28,024	2,843	1,757	163	1,347	1,316	35,449	...	...
S	28,398	2,709	1,769	166	1,401	1,431	35,874	6,415	42,288
O	28,855	2,713	1,781	166	1,435	1,486	36,435	...	...
N	29,322	2,733	1,793	169	1,491	1,542	37,049	...	...
D	29,677	2,735	1,853	169	1,658	1,544	37,636	6,391	44,027
1981									
J	29,939	2,768	1,837	167	1,554	1,543	37,809	...	..
F	30,145	2,829	1,872	170	1,489	1,591	38,096	...	...
M	30,429	2,918	1,945	173	1,476	1,727	38,669	6,286	44,955
A	30,848	3,074	2,006	177	1,484	1,771	39,360	...	...
M	31,431	3,173	2,043	182	1,493	1,818	40,140	...	...
J	31,831	3,100	2,093	181	1,502	1,845	40,551	6,446	46,996
J	32,213	3,213	2,133	179	1,523	1,853	41,115	...	...
A	32,675	3,174	2,182	176	1,512	1,880	41,599	...	...
S	32,811	3,163	2,231	172	1,537	1,857	41,771	6,403	48,173
O	32,840	3,143	2,285	165	1,551	1,862	41,846	...	...
N	32,203	3,179	2,322	158	1,623	1,922	41,406	...	...
D	32,312	3,130	2,331	154	1,788	1,872	41,587	6,083	47,670
1982									
J	32,288	3,100	2,353	149	1,625	1,819	41,333	...	..
F	32,099	3,026	2,376	146	1,555	1,911	41,113	...	...
M	31,989	2,952	2,400	143	1,538	1,970	40,992	..	..
A^{p}	32,038	2,874	2,418	141	1,536	2,032	41,039	...	...
M^{p}	32,129	2,819	2,435	139	1,527	2,015	41,064	...	...
T^{p}	32,084	2,800	2,456	138	1,506	2,013	40,996	..	..

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1) This table has been revised, these data are not seasonally adjusted.

Source: Bank of Canada, *Bank of Canada Review*.

Table 4.20

The Toronto Stock Exchange – TSE 300 Composite Indexes, 1956 to 1982

	TSE 300 Composite Stock Price Index[1]						
	High	Date	Low	Date	Close	Net Change	Per Cent Change
1956	617.67	July	524.63	Nov.	564.97	–	–
1957	606.14	May	432.11	Dec.	432.11	−132.86	−23.52
1958	547.72	Dec.	444.10	Feb.	547.72	+115.61	+26.75
1959	598.96	July	538.37	Nov.	555.09	+7.37	+1.35
1960	544.74	Dec.	494.06	July	544.74	−10.35	−1.86
1961	700.85	Dec.	575.60	Jan.	700.85	+156.11	+28.66
1962	686.81	Feb.	571.84	Sept.	628.99	−71.86	−10.25
1963	702.71	Dec.	638.45	Feb.	702.71	+73.72	+11.72
1964	853.53	Dec.	715.36	Feb.	853.53	+150.82	+21.46
1965	911.26	Apr.	838.42	July	881.14	+27.61	+3.23
1966	917.75	Jan.	761.11	Sept.	789.51	−91.63	−10.40
1967	922.50	Sept.	843.44	Jan.	899.20	+109.69	+13.89
1968	1062.88	Dec.	814.79	Mar.	1062.88	+163.68	+18.20
1969	1131.04	May	950.75	July	1019.77	−43.11	−4.06
1970	1006.40	Feb.	810.78	June	947.54	−72.23	−7.08
1971	1036.09	Apr. 16	879.80	Nov. 12	990.54	+43.00	+4.54
1972	1226.58	Dec. 29	1044.60	Jan. 7	1226.58	+236.04	+23.83
1973	1329.28	Oct. 31	1122.34	May 18	1193.56	−33.02	−2.69
1974	1276.81	Mar. 15	821.10	Dec. 6	844.48	−349.08	−29.25
1975	1081.96	July 18	862.74	Jan. 3	953.54	+109.06	+12.91
1976	1106.17	May 13	920.15	Nov. 30	1011.52	+57.98	+6.08
1977	1068.53	July 20	957.58	Oct. 26	1059.59	+48.07	+4.75
1978	1336.34	Oct. 12	996.88	Jan. 30	1309.99	+250.40	+23.63
1979	1813.48	Dec. 31	1310.31	Jan. 2	1813.17	+503.18	+38.41
1980	2405.65	Dec. 1	1650.89	Mar. 27	2268.70	+455.53	+25.12
1981[1]	2393.33	July 17	1752.70	Sept. 28	1954.24	−314.46	−13.86
1982[3]	1956.83	Jan. 5	1530.97	Mar. 15	1587.83	−366.41	−18.75

Table 14.20 (cont'd)

The Toronto Stock Exchange – TSE 300 Composite Indexes, 1956 to 1982

	TSE 300 Composite Total Return Index[2]						
	High	Date	Low	Date	Close	Net Change	Per Cent Change
1956	294.41	July	246.77	Jan.	273.42	–	–
1957	297.03	May	217.14	Dec.	217.14	−56.28	−20.58
1958	284.99	Dec.	224.46	Feb.	284.99	+67.85	+31.25
1959	317.12	July	287.53	Nov.	298.06	+13.07	+4.59
1960	303.37	Dec.	270.85	July	303.37	+5.31	+1.78
1961	402.71	Dec.	321.39	Jan.	402.71	+99.37	+32.75
1962	397.06	Mar.	334.16	June	374.14	−28.57	−7.09
1963	432.51	Dec.	381.51	Feb.	432.51	+58.37	+15.60
1964	542.51	Dec.	442.34	Feb.	542.51	+110.00	+25.43
1965	585.26	Apr.	542.64	July	578.76	+36.25	+6.68
1966	604.39	Jan.	513.34	Sept.	537.86	−40.90	−7.07
1967	645.60	Sept.	576.48	Jan.	635.15	+97.29	+18.09
1968	777.71	Dec.	581.37	Mar.	777.71	+142.56	+22.45
1969	836.87	May	708.94	July	771.42	−6.29	−0.81
1970	767.41	Mar.	624.46	June	743.91	−27.51	−3.57
1971	803.48	Dec.	710.90	Oct.	803.48	+59.57	+8.01
1972	1023.50	Dec.	877.00	Jan.	1023.50	+220.02	+27.38
1973	1135.71	Oct.	956.91	May	1026.30	+2.80	+0.27
1974	1084.59	Feb.	738.66	Sept.	760.21	−226.09	−25.93
1975	974.11	July	872.15	Oct.	900.72	+140.51	+18.48
1976	1033.91	May	904.56	Nov.	1000.00	+99.28	+11.02
1977	1107.06	Dec. 30	981.67	Jan. 12	1107.06	+107.06	+10.71
1978	1440.98	Oct. 12	1044.29	Jan. 30	1436.08	+329.02	+29.72
1979	2079.01	Dec. 31	1442.47	Jan. 2	2079.01	+642.93	+44.77
1980	2850.93	Nov. 28	1968.90	Mar. 27	2705.49	+626.48	+30.13
1981[1]	2905.52	July 16	2223.17	Sept. 25	2428.29	−277.20	−10.25
1982[3]	2430.94	Jan. 4	1930.20	Mar. 15	1998.61	−429.68	−17.69

1) Base year, 1975 = 1000
2) Base, December 31, 1976 = 1000
3) Through March 31, 1982

Source: The Toronto Stock Exchange, Index Section

Table 14.21

Number of Active Corporations, Ontario, 1956 to 1980-81

Year	Number	Per Cent Change
	'000's	
1956	38	...
1957	43	13.2
1958	47	9.3
1959	53	12.8
1960	59	11.3
1961	63	6.8
1962	67	6.3
1963	72	7.5
1964	76	5.6
1965	81	6.6
1966	87	7.4
1967	93	6.9
1968	98	5.4
1969	105	7.1
	000's	
1970	113	7.6
1971	119	5.3
1971-72[1]	124.0	...
1972-73[1]	133.7	7.8
1973-74[1]	145.5	8.8
1974-75[1]	160.6	10.4
1975-76[1]	173.9	8.3
1976-77[1]	196.4	12.9
1977-78[1]	218.9	11.5
1978-79[1]	243.5	11.2
1979-80[1]	259.5	6.6
1980-81[1]	277.5	6.9
1981-82[1]	300.8	8.4

[1] Fiscal year ending March 31

Source: Ministry of Consumer and Commercial Relations.

Table 14.22

New Corporations[1], Ontario, 1951 to 1980-81[2]

			Corporations Incorporated Outside Ontario					
	Corporations Incorporated In Ontario		Corporations Holding Licence In Mortmain		Corporations with an Extra-Provincial Licence		Total	
	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change	Number	Per Cent Change
1951	1,779	...	146	...	62	...	1,987	...
1952	1,772	-0.4	164	12.3	69	11.3	2,005	0.9
1953	2,113	19.2	149	-9.1	99	43.5	2,361	17.8
1954	3,613	71.0	181	21.5	86	-13.1	3,880	64.3
1955	3,811	5.5	249	37.6	110	27.9	4,170	7.5
1956	4,788	25.6	222	-10.8	149	35.5	5,159	23.7
1957	5,219	9.0	232	4.5	128	-14.1	5,579	8.1
1958	4,368	-16.3	203	-12.5	137	7.0	4,708	-15.6
1959	5,916	35.4	175	-13.8	150	9.5	6,241	32.6
1960	6,417	8.5	238	36.0	160	6.7	6,815	9.2
1961	5,736	-10.6	198	-16.8	166	3.8	6,100	-10.5
1962	6,019	4.9	206	4.0	141	-15.1	6,366	4.4
1963	5,903	-1.9	199	-3.4	171	21.3	6,273	-1.5
1964	6,229	5.5	204	2.5	172	0.6	6,605	5.3
1965	7,276	16.8	223	9.3	177	2.9	7,676	16.2
1966	7,309	0.5	244	9.4	193	9.0	7,746	0.9
1967	7,425	1.6	217	-11.1	173	-10.4	7,815	0.9
1968	7,699	3.7	202	-6.9	185	6.9	8,086	3.5
1969	9,593	24.6	249	23.3	212	14.6	10,054	24.3
1970	8,091	-15.7	290	16.5	273	28.8	8,654	-13.9
1971	9,152	13.1	212	-26.9	266	-2.6	9,630	11.3
1971-72	11,030	...	231	...	263	...	11,524	...
1972-73	12,489	13.2	222	-3.9	285	8.4	12,996	12.8
1973-74	15,634	25.2	280	26.1	268	-6.0	16,182	24.5
1974-75	16,657	6.5	250	-10.7	239	-10.8	17,146	6.0
1975-76	18,703	12.3	208	-16.8	259	8.4	19,170	11.8
1976-77	20,851	10.3	236	13.5	191	26.3	21,278	11.0
1977-78	22,235	6.6	319	35.2	204	6.8	22,758	7.0
1978-79	28,408	27.8	150	-53.0	200	-2.0	28,758	26.4
1979-80	27,969	-1.5	189	26.0	228	14.0	28,386	-1.3
1980-81	28,394	1.5	183	-3.1	275	20.6	28,852	1.6
1981-82	28,696	1.1	165	-9.8	351	27.6	29,212	1.2

1) Figures for corporations which are not required to hold a licence in Ontario are not included.

2) Fiscal year ending March 31, beginning 1971-72.

Source: Ministry of Consumer and Commercial Relations

Table 14.23

Business Bankruptcies[1] by Industry, Canada and Ontario

	Canada				Ontario			
	Number	Total Assets	Total Liabilities	Total Deficiency	Number	Total Assets	Total Liabilities	Total Deficiency
		$'000'	$'000'	$'000'		$'000'	$'000'	$'000'
1978								
Primary Industries	146	6,902	15,429	8,527	71	2,992	7,361	4,368
Manufacturing Industries	393	23,695	64,465	40,769	166	6,082	20,725	14,643
Construction Industries	995	66,360	138,488	72,128	391	21,308	45,209	23,901
Transportation, Communications and Other Utilities	286	5,391	14,562	9,170	143	2,588	6,263	3,675
Trade	1,882	56,022	178,124	122,102	711	18,052	53,516	35,464
Finance Insurance and Real Estate	134	15,579	40,264	24,684	34	4,136	7,933	3,797
Services	1,625	54,616	179,861	125,245	605	14,858	49,854	34,996
Others (type of industry not specified)	85	3,324	10,676	7,351	20	707	1,699	991
Total	5,546	236,329	638,330	402,001	2,141	70,724	192,558	121,834
1979								
Primary Industries	199	7,221	28,817	21,597	78	3,680	8,333	4,644
Manufacturing Industries	538	19,830	69,403	49,573	191	3,637	18,446	14,809
Construction Industries	1,167	44,174	137,392	93,218	477	12,724	47,004	34,280
Transportation, Communications and Other Utilities	345	7,419	21,354	13,936	136	1,746	5,886	4,140
Trade	1,894	61,024	164,233	103,209	710	17,339	54,021	36,682
Finance Insurance and Real Estate	203	21,444	58,715	37,271	84	4,898	16,456	11,558
Services	1,341	46,879	136,694	89,814	551	13,014	45,161	32,147
Others (type of industry not specified)	7	292	453	162	4	159	256	98
Total	5,694	208,283	617,061	408,779	2,231	57,204	195,561	138,357
1980								
Primary Industries	311	21,464	44,367	22,903	138	9,795	19,316	9,521
Manufacturing Industries	532	40,811	95,522	54,711	197	12,437	26,967	14,530
Construction Industries	1,301	45,244	150,655	105,412	612	13,481	57,144	43,664
Transportation, Communications and Other Utilities	431	18,457	34,297	15,840	165	4,063	11,016	6,953
Trade	2,120	78,000	209,554	131,554	804	28,102	70,067	41,965
Finance, Insurance and Real Estate	254	44,531	94,244	49,713	104	14,278	44,832	30,554
Services	1,637	50,342	153,641	103,300	602	16,844	58,412	41,568
Others (type of industry not specified)	9	240	686	446	–	–	–	–
Total	6,595	299,089	782,966	483,877	2,622	98,999	287,753	188,755
1981								
Primary Industries	419	42,568	75,370	32,801	174	12,614	26,515	13,900
Manufacturing Industries	681	43,826	172,009	128,184	220	5,781	34,023	28,242
Construction Industries	1,404	55,973	181,339	125,365	578	18,023	69,890	51,867
Transportation, Communications and Other Utilities	551	12,955	45,165	32,210	226	4,896	14,559	9,663
Trade	2,560	102,568	279,179	176,611	886	27,631	85,533	57,902
Finance, Insurance and Real Estate	262	51,367	110,384	59,017	111	6,984	30,215	23,231
Services	2,139	75,952	278,027	202,075	703	25,274	80,338	55,064
Others (type of industry not specified)	39	1,857	4,628	2,771	3	81	218	137
Total	8,055	387,066	1,146,099	759,033	2,901	101,263	341,290	240,007

1) Excludes Small Debtor Program Bankruptices.

Source: Office of the Superintendent of Bankruptcy *Annual Statistical Summary*
Bankruptcy Branch, Consumer and Corporate Affairs, Canada

Trade

Highlights

- **Foreign Trade** – Of the $43.0 billion of imports entering Ontario in 1981, $28.3 billion, or 66.0 per cent, consisted of inedible end products. Of Canada's $83.7 billion worth of exports (including re-exports) in the same year $34.0 billion, or 40.7 per cent, originated in Ontario.

  Of Ontario's 1981 exports $19.9 billion, or 58.3 per cent, consisted of inedible end products and 32.9 per cent was fabricated materials. For the 1981 Canada total, inedible end products accounted for 32.7 per cent while fabricated materials accounted for 37.0 per cent.

  From 1980 to 1981, domestic exports for Canada increased by 7.0 billion, or 9.4 per cent, to $81.2 billion. Of the 1981 Canadian export total, 66.3 per cent went to the United States. Canadian imports rose by 14.3 per cent from 1980 to 1981 to reach a total of $78.9 billion; of this total, 68.9 per cent came from the United States.

  Canada's merchandise balance, after adjustment for balance of payments purposes, amounted to +$6.6 billion in 1981, the comparable total for 1980 being +$8.0 billion. Canada's total current account balance stood at −$6.6 billion in 1981.

- **Domestic Trade** – Ontario's retail trade sales in 1981 increased by 14.0 per cent over the previous year to reach a total of $33.8 billion. This figure represents 35.8 per cent of the Canadian total of $94.5 billion, Québec's sales representing 24.1 per cent, and British Columbia's sales 12.8 per cent. Of Ontario's total in 1981, grocery and combination stores accounted for 25.0 per cent, motor vehicle dealers for 16.8 per cent, service stations garages for 10.3 per cent and department stores for 10.6 per cent.

Definitions

Retail Trade – Defined as the aggregate sales made through retail outlets which are business locations engaged primarily in selling merchandise for household or personal consumption. The retail trade estimates do not include any form of direct selling which by-passes the retail outlet.

Combination Stores — Grocery and combination stores selling 20 per cent or more fresh meat.

Motor Vehicle Dealers — Consist of dealers selling new and used cars or only new cars, but not dealers selling used cars only.

Department Stores – Must sell at least 6 commodity lines in the family clothing and apparel group with at least one line being men's and boys' clothing or furnishings and with at least 20 per cent of sales from this group, at least 4 commodity lines in the furniture, appliances and home furnishings group with at least one of these lines being furniture and with a minimum of 10 per cent of sales from this group, and at least 3 different commodity lines from all other groups with at least 10 per cent of sales derived therefrom. No one of these lines may account for more than 50 per cent of total store sales.

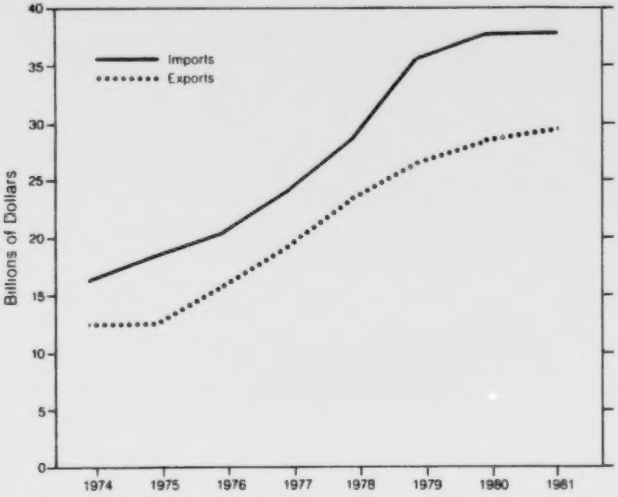
Domestic Exports – Include both goods which are wholly produced in Canada and goods previously included in import statistics which have since been changed in form by further processing and then exported.

Re-Exports – Include only goods previously included in import statistics which are exported from Canada in the same form as when imported. Minor operations such as sorting or blending are not considered as changing the condition of imported goods.

Special Transactions – Include gold and gold products where the value of the gold content is 80 per cent or more of the total value, including coins, settlers' effects, private donations and gifts, identifiable tourist purchases, goods shipped to Canadian diplomatic or military personnel abroad or by foreign representatives in Canada, temporary exports for exhibition or competition including films for processing. Bunker supplies and ships' stores sold to foreign vessels or aircraft in Canada, temporary exports and goods merely moving in transit through Canadian territory are not reflected in any of the statistics.

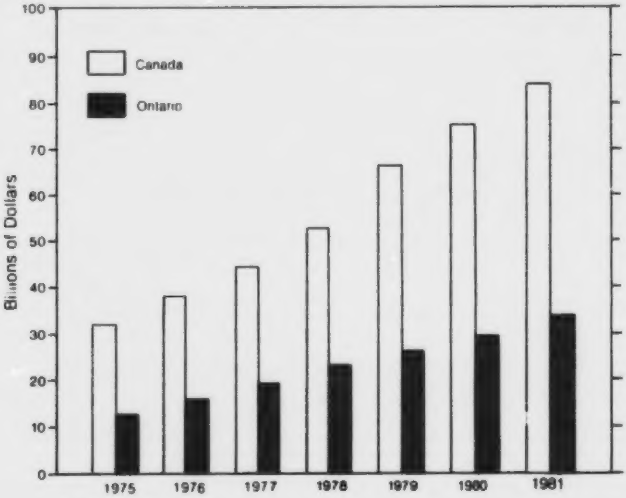
Current Account – Consists of imports and exports of goods and services (that is, merchandise trade and service transactions) and transfers such as inheritances, personal and institutional remittances and withholding tax.

Graph 15.A
Exports and Imports, Ontario, 1974-1981



Refer to Tables 15.1 and 15.4

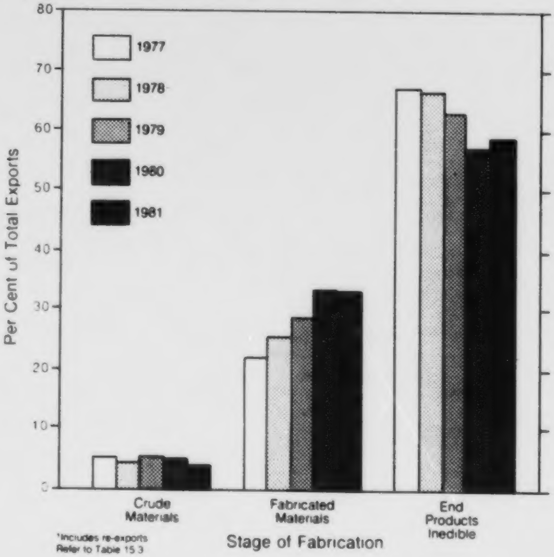
Graph 15.B
Exports[1], Canada and Ontario, 1975-1981



[1] Includes re-exports

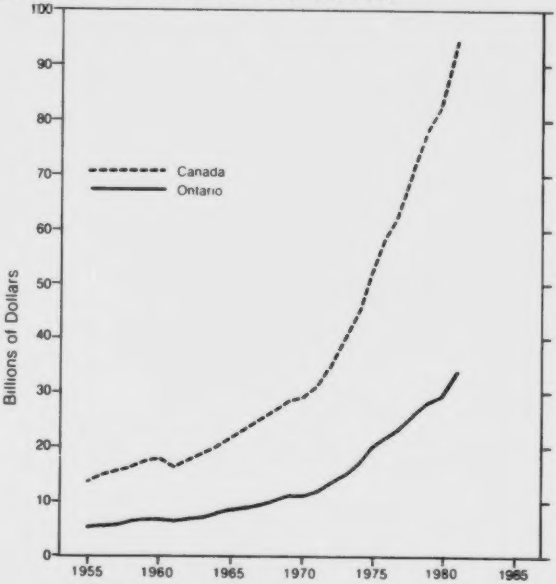
Refer to Table 15.3

Graph 15.C
Composition of Exports¹, Ontario, 1977-1981



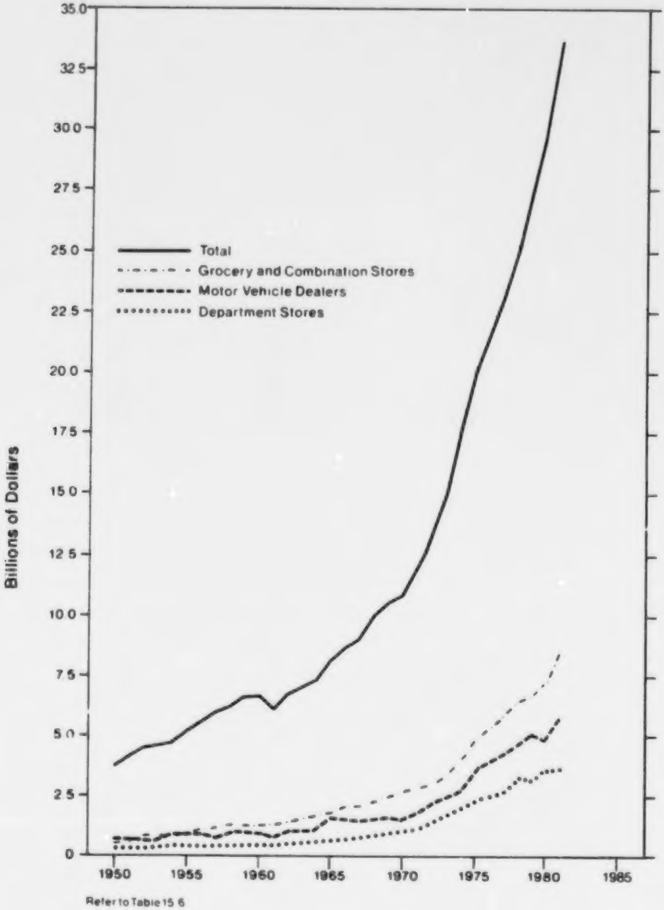
¹Includes re-exports
Refer to Table 15.3

Graph 15.D
Retail Trade Annual Sales, Canada and Ontario, 1955-1981



Refer to Table 15.7

Graph 15.E
Value of Retail Trade by Kind of Business, Ontario, 1950-1981



Refer to Table 15.6

Table 15.1

Exports[1] to Principal Trading Areas, Canada and Ontario, 1972-1981

	All Countries	United States	United Kingdom	Japan	EEC[2]	All Other Countries
			$ Million			
Canada						
1972	19,977.2	13,921.6	1,328.1	961.9	1,125.4	2,640.2
1973	25.207.6	17,061.9	1,588.7	1,800.2	1,525.4	3,231.4
1974	32,052.1	21,262.7	1,894.7	2,223.9	2,130.1	4,540.7
1975	32,857.4	21,545.3	1,783.8	2,119.8	2,306.3	5,102.2
1976	38,076.9	25,344.8	1,801.5	2,385.9	2,600.0	5,944.7
1977	44,197.4	30,557.7	1,883.1	2,508.3	2,685.0	6,563.0
1978	52,641.7	37,002.7	2,005.1	3,061.8	2,908.8	7,663.3
1979	65,518.3	44,454.0	2,622.5	4,097.0	4,672.2	9,672.6
1980'	75,963.9	48,062.2	3,233.4	4,381.3	6,328.5	13,958.5
1981	83,698.4	55,096.3	3,328.6	4,509.3	5,557.8	15,206.4
Ontario						
1972	9,059.9	7,420.1	518.0	70.5	217.8	833.5
1973	10,929.7	8,876.7	581.8	118.1	362.5	990.6
1974	12,387.2	9,774.4	696.2	120.2	424.3	1,372.1
1975	12,472.3	9.724.9	668.4	122.9	408.0	1,548.1
1976	15,660.2	12,289.0	588.3	136.4	494.4	2,152.1
1977	19,099.4	15,537.3	646.7	106.1	497.0	2,312.3
1978	23,342.7	18,965.3	604.6	135.8	649.7	2,987.3
1979	26,840.8	21,728.8	814.9	183.3	992.5	3,121.2
1980	29,493.8	22,637.1	1,162.2	215.9	1,448.5	4,030.1
1981	34,041.8	26,509.0	1,085.4	228.4	1,507.8	4,710.7

1) Includes re-exports.

2) European Economic Community excluding United Kingdom, Ireland and Denmark 1972-1975. Ireland and Denmark are included for 1976, 1977, 1978, 1979 and 1980. Greece 1981.

Source: SC, *Exports by Commodities* (65-004).
Industry and Trade, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.2
Merchandise Trade with Selected Countries, Canada, 1965-1981

	All Countries	United States		United Kingdom		Other E.E.C.[1]		All Other Countries	
	$ Million	$ Million	% of Total	$ Million	% of Total	$ Million	% of Total	$ Million	% of Total
Domestic Exports									
1965	8,525.1	4,840.5	56.8	1,174.3	13.8	. .	. .	2,510.3	29.4
1966	10,070.6	6,027.7	59.9	1,122.6	11.1	. .	. .	2,920.5	29.0
1967	11,121.0	7,088.5	63.8	1,189.1	10.5	. .	. .	2,863.4	25.7
1968	13,270.0	8,942.5	67.4	1,209.6	9.1	. .	. .	3,117.9	23.5
1969	14,462.0	10,238.0	70.8	1,091.0	7.5	. .	. .	3,133.0	21.7
1970	16,401.0	10,580.0	64.5	1,465.0	8.9	. .	. .	4,356.0	26.6
1971	17,396.6	11,683.1	67.2	1,379.8	7.9	. .	. .	4,333.7	24.9
1972	19,660.7	13,575.0	69.0	1,389.6	7.0	. .	. .	4,715.1	24.0
1973	24,719.2	16,611.9	67.2	1,571.8	6.4	. .	. .	6,535.5	26.4
1974	31,674.5	20,762.5	65.6	1,911.9	6.0	. .	. .	9,000.1	28.4
1975	32,325.0	21,029.6	65.1	1,766.5	5.5	. .	. .	9,528.9	29.5
1976	37,258.8	25,138.6	67.5	1,831.8	4.9	. .	. .	10,288.4	27.6
1977	44,197.4	30,557.7	69.1	1,883.1	4.3	. .	. .	11,756.6	26.6
1978	51,719.1	36,283.1	70.2	1,984.0	3.8	2851.4	5.5	10,600.5	20.5
1979	64,193.6	43,439.4	67.7	2,588.6	4.0	4,599.9	7.2	13,565.6	21.1
1980	74,228.7	46,825.4	63.1	3,192.6	4.3	6,226.5	8.4	17,984.2	24.2
1981	81,228.3	53,874.5	66.3	3,329.0	4.1	5,455.2	6.7	18,569.6	22.9
Imports									
1965	8,633.1	6,044.8	70.0	619.1	7.2	. .	. .	1,969.3	22.8
1966	10,071.9	7,204.4	71.5	672.6	6.7	. .	. .	2,194.9	21.8
1967	10,872.2	7,951.3	73.1	650.1	6.0	. .	. .	2,270.8	20.9
1968	12,358.0	9,048.4	73.2	696.1	5.6	. .	. .	2,613.5	21.1
1969	14,130.4	10,243.2	72.5	791.1	5.6	. .	. .	3,095.5	21.9
1970	13,951.9	9,917.2	71.1	738.2	5.3	. .	. .	3,296.0	23.6
1971	15,618.1	10,950.6	70.1	837.3	5.4	. .	. .	3,830.2	24.5
1972	18,669.4	12,878.2	69.0	949.5	5.1	. .	. .	4,841.7	25.9
1973	23,302.6	16,483.6	70.7	1,005.4	4.3	. .	. .	5,813.6	24.9
1974	31,692.1	21,356.7	67.4	1,126.3	3.6	. .	. .	9,209.1	29.1
1975	34,635.5	23,559.3	68.0	1,222.0	3.5	. .	. .	9,854.2	28.5
1976	37,432.6	25,695.5	68.6	1,153.3	3.1	. .	. .	10,583.8	28.3
1977	42,068.2	29,552.0	70.2	1,281.2	3.1	. .	. .	11,235.0	26.7
1978	49,684.0	35,011.8	70.5	1,597.7	3.2	3,031.8	6.1	10,042.7	20.2
1979	62,677.7	45,391.8	72.4	1,928.3	3.1	3,658.0	5.8	11,699.5	18.7
1980	68,979.4	48,414.1	70.2	1,970.5	2.9	3,562.0	5.2	15,032.8	21.7
1981	78,875.9	54,310.8	68.9	2,234.6	2.8	4,074.7	5.2	18,255.8	23.1

1) European Economic Community

Source: SC, *Exports by Commodities*, (65-004).
Imports by Commodities, (65-007).

Table 15.3

Exports[1] by Commodity Section, Canada and Ontario, 1976-1981

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans-actions Trade	Total
				$'000's			
Canada							
1976	134,624	4,145,951	8,302,199	12,305,207	13,045,207	142,926	38,076,878
1977	151,726	4,429,243	8,856,591	15,062,520	15,621,919	75,433	44,197,433
1978	213,769	5,120,256	8,839,407	19,033,043	19,310,608	124,604	52,641,687
1979	245,634	6,090,952	12,549,406	24,528,786	21,923,704	179,836	65,518,318
1980^{r}	254,050	8,016,831	14,774,909	29,547,010	23,133,383	237,700	75,963,853
1981^{p}	229,681	9,267,082	15,244,037	30,926,751	27,342,557	688,330	83,698,437
Ontario							
1976	42,001	635,197	951,976	3,589,160	10,376,930	64,938	15,660,212
1977	35,298	723,172	1,038,298	4,519,134	12,745,157	38,312	19,099,371
1978	65.344	828.961	1.034.123	5.968.147	15.386,507	59.557	23,342,659
1979	102,255	1,021,727	1,379,732	7,585,100	16,675,326	76,626	26,840,766
1980	92,017	1,264,456	1,525,392	9,738,339	16,795,249	78,387	29,493,840
1981^{p}	84,685	1,448,993	1,324,897	11,216,530	19,865,023	101,694	34,041,821

[1] Includes re-exports.

Source: SC, *Exports by Commodities* (65-004).
Industry and Trade, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.4

Imports by Commodity Section, Canada and Ontario, 1976-1981

	Live Animals	Food, Feed Beverages and Tobacco	Crude Materials	Fabricated Materials	End Products, Inedible	Special Trans-actions Trade	Total
				$'000's			
Canada[1]							
1976	108,609	2,763,280	5,087,297	6,220,100	22,748,101	505,180	37,432,567
1977	52,157	3,255,431	5,287,274	7,010,132	26,042,096	421,092	42,068,182
1978	80,413	3,698,975	5,885,874	8,773,340	30,856,544	388,851	49,683,997
1979	75,419	4,159,194	7,901,083	12,058,846	37,914,059	569,082	62,677,682
1980^{r}	113,220	4,659,072	11,266,918	12,681,797	39,486,098	772,140	68,979,245
1981^{p}	201,440	4,982,214	12,144,661	14,553,525	46,064,359	929,703	78,875,902
Ontario							
1976	77,642	1,011,916	1,051,998	3,260,716	14,689,739	252,395	20,344,404
1977	29,860	1,283,150	1,496,250	3,654,402	17,404,458	216,132	24,084,252
1978	50,980	1,351,014	1,868,244	4,786,823	20,156,187	199,683	28,412,931
1979	45,488	1,590,023	2,794,586	6,921,275	24,169,674	285,437	35,806,483
1980^{r}	72,877	1,832,089	3,946,171	7,277,028	24,224,768	383,666	37,736,599
1981^{p}	155,072	1,956,569	3,689,067	8,336,445	28,343,277	479,710	42,960,140

[1] Excludes the Northwest Territories

Source: SC, *Imports by Commodities* (65-007).
Industry and Trade, Ontario Exports and Imports by Countries, Commodities and Industries

Table 15.5

Balance of Payments: Merchandise Trade Balance and Current Account Balance, Canada, 1950-1981

	Merchandise Exports[1]	Merchandise Imports[1]	Merchandise Balance	Total Current Account Balance
			$ Million	
1950	3,139	3,132	7	−319
1951	3,950	4,101	−151	−512
1952	4,339	3,850	485	187
1953	4,152	4,210	−60	−448
1954	3,934	3,916	18	−424
1955	4,332	4,543	−211	−687
1956	4,837	5,565	−728	−1,372
1957	4,894	5,488	−594	−1,451
1958	4,887	5,066	−176	−1,137
1959	5,151	5,572	−421	−1,487
1960	5,392	5,540	−148	−1,233
1961	5,889	5,716	173	−928
1962	6,387	6,203	184	−830
1963	7,082	6,579	503	−521
1964	8,238	7,537	701	−424
1965	8,745	8,627	118	−1,130
1966	10,326	10,102	224	−1,162
1967	11,338	10,772	566	−499
1968	13,720	12,249	1,471	−97
1969	15,035	14,071	964	−917
1970	16,921	13,869	3,052	1,106
1971	17,961	15,534	2,427	306
1972	20,222	18,577	1,645	−655
1973	25,445	22,725	2,720	18
1974	32.591	30,893	1,698	−1,492
1975	33,347	33,986	−639	−4,965
1976	38,019	36,887	1,132	−4,329
1977	44,210	41,473	2,737	−4,299
1978	52,511	49,129	3,382	−5,302
1979	65,163	61,178	3,985	−5,019
1980	76,106	68,153	7,953	−1,538
1981	84,140	77,504	6,636	−6,576

1) Adjusted for balance of payments purposes

Source: SC, *Quarterly Estimates of the Canadian Balance of International Payments*, (67-001).

Table 15.6

Value of Retail Trade by Kind of Business, Canada and Ontario, 1962-1981

	Total	Grocery & Combination Stores	Motor Vehicle Dealers	Service Stations and Garages	Department Stores	Shoe & Clothing Stores	Hardware Stores	Furniture, TV, Radio & Appliance Dealers	Fuel Dealers[1]	Other
					$ Million					
Canada										
1962	17,137	3,914	2,957	1,582	1,629	1,086	301	587	412	4,669
1963	18,207	4,176	3,312	1,624	1,730	1,158	310	601	425	4,871
1964	19,493	4,481	3,612	1,695	1,892	1,254	320	627	421	5,191
1965	21,155	4,825	4,175	1,778	2,010	1,360	332	678	448	5,549
1966	22,686	5,352	4,338	1,874	1,974	1,382	356	740	475	6,195
1967	24,155	5,685	4,433	2,004	2,158	1,513	366	784	461	6,751
1968	25,710	5,986	4,714	2,160	2,445	1,588	392	816	471	7,118
1969	27,401	6,401	4,796	2,318	2,737	1,672	391	868	466	7,752
1970	28,034	6,849	4,197	2,531	2,852	1,732	383	847	473	8,170
1971	30,646	7,260	4,925	2,695	3,184	1,867	409	942	523	8,841
1972	34,086	7,721	6,240	2,687	3,714	1,991	433	953	. . .	10,346
1973	38,313	8,595	7,422	2,978	4,316	2,158	452	1,072	. . .	11,319
1974	44,739	10,263	8,303	3,595	5,071	2,420	529	1,362	. . .	13,196
1975	51,361	11,984	10,184	3,857	5,777	2,740	581	1,530	. . .	14,710
1976	57,128	13,156	11,058	4,596	6,510	3,141	639	1,630	. . .	16,399
1977	61,623	14,371	11,750	5,072	6,944	3,319	668	1,670	. . .	17,829
1978	68,769	16,193	13,480	5,536	7,704	3,697	706	1,811	. . .	19,643
1979	77,025	18,199	15,421	6,217	8,534	4,191	756	1,945	. . .	21,761
1980	84.027	20,204	15,698	6,987	9,367	4,603	792	2,064	. . .	24,310
1981	94,538	22,925	16,692	8,896	10,219	5,247	834	2,293	. . .	27,432
Ontario										
1962	6,526	1,475	1,118	577	548	428	96	235	214	1,835
1963	6,948	1,577	1,245	595	583	459	100	249	204	1,936
1964	7,366	1,681	1,324	618	643	495	102	250	183	2,070
1965	8,043	1,808	1,552	654	678	541	105	279	188	2,236
1966	8,625	2,017	1,585	702	745	523	112	305	200	2,436
1967	9,091	2,147	1,578	749	815	567	115	312	188	2,620
1968	9,885	2,257	1,732	806	946	622	128	332	185	2,877
1969	10,588	2,431	1,799	870	1,067	654	128	368	176	3,095
1970	10,885	2,621	1,574	970	1,118	685	126	358	174	3,259
1971	11,877	2,781	1,840	1,022	1,250	746	132	393	191	3,522
1972	13,058	2,958	2,210	1,063	1,454	777	130	418	. . .	4,048
1973	14,505	3,301	2,568	1,176	1,650	842	127	468	. . .	4,372
1974	16,570	3,919	2,743	1,422	1,924	927	142	502	. . .	4,991
1975	19,151	4,578	3,595	1,469	2,165	1,024	164	590	. . .	5,566
1976	21,057	5,113	3,721	1,770	2,398	1,198	179	598	. . .	6,081
1977	22,719	5,503	4,078	1,974	2,583	1,255	172	591	. . .	6,562
1978	25,186	6,131	4,604	2,156	2,846	1,373	185	615	. . .	7,276
1979	27,515	6,749	5,050	2,357	3,085	1,546	199	630	. . .	7,898
1980	29,666	7,470	4,947	2,754	3,308	1,634	217	670	. . .	8,667
1981	33,809	8,448	5,672	3,492	3,597	1,859	231	805	. . .	9,705

[1] Fuel dealers transferred to wholesale trade from 1972 on

Source: SC, *Retail Trade*

Table 15.7
Retail Trade Annual Sales, Canada, Ontario, Québec and British Columbia, 1956-1981

	Canada	Ontario	Québec	British Columbia[1]
	$ Million			
1957	15,423	5,943	3,710	1,683
1958	16,139	6,271	3,854	1,705
1959	17,087	6,615	4,114	1,793
1960	17,390	6,751	4,213	1,755
1961[2]	16,073	6,207	4,108	1,604
1962	17,137	6,526	4,486	1,751
1963	18,207	6,948	4,770	1,880
1964	19,493	7,366	5,120	2,086
1965	21,155	8,043	5,534	2,307
1966[2]	22,686	8,625	5,882	2,507
1967	24,155	9,091	6,379	2,648
1968	25,710	9,885	6,565	2,859
1969	27,401	10,588	6,962	3,165
1970	28,034	10,885	7,074	3,260
1971	30,646	11,877	7,681	3,632
1972	34,086	13,058	8,612	3,987
1973	38,313	14,505	9,697	4,646
1974	44,739	16,570	11,385	5,432
1975	51,361	19,151	13,020	5,938
1976	57,128	21,057	14,448	6,675
1977	61,623	22,719	15,563	7,284
1978	68,769	25,186	17,181	8,231
1979	77,025	27,515	19,625	9,195
1980	84,027	29,666	20,895	10,572
1981	94,538	33,809	22,784	12,058

1) Includes Yukon and Northwest Territories.

2) Data from 1961 onward incorporate several changes due to a revision to the Standard Industrial Classification: restaurants, caterers, cocktail lounges, taverns, dressmakers moved from retail to service; lumber and building material dealers, farm implement dealers, feed and seed stores, farm supply stores, harness shops moved from retail to wholesale; and automotive repair shops, radio and TV repair shops, jewellery repair and engraving, bicycle repair moved from service to retail.

Source: SC, *Retail Trade*.

Table 15.8

Department Store Sales, by Province, Canada, 1976-1981

	1976	1977'	1978'	1979'	1980	1981
			$'000's			
Canada	6,509,645	6,943,794	7,704,197	8,534,422	9,366,767	10,218,526
Ontario	2,397,867	2,583,218	2,845,524	3,085,155	3,308,384	3,597,340
Newfoundland	83,015	87,228	94,120	107,872	113,916	120,853
Prince Edward Island	38,378	42,590	48,256	51,739	53,582	56,772
Nova Scotia	161,408	174,327	195,092	213,281	231,447	256,214
New Brunswick	134,335	144,310	160,023	177,103	192,692	207,610
Québec	1,279,428	1,324,669	1,467,419	1,615,788	1,738,326	1,807,987
Manitoba	378,933	395,651	427,317	459,009	478,247	517,347
Saskatchewan	183,819	194,729	214,557	238,085	260,310	287,971
Alberta	840,982	916,705	1,023,634	1,174,957	1,335,192	1,521,511
British Columbia[1]	1,011,480	1,080,367	1,228,255	1,411,433	1,654,671	1,809,243

1) Includes Yukon and Northwest Territories

Source: SC, *Department Store Sales and Stocks*.

Table 15.9

Retail Chains[1], Canada and Ontario, 1978-1980

	Chains	Stores	Sales
	No.	No.	$000
Canada			
1978	848	22,022	21,125,753
1979	842	22,563	23,552,121
1980	834	23,408	26,343,735
Ontario			
1978	441	9,720	9,017,728
1979	447	9,947	9,985,915
1980	466	10,300	11,244,402

1) The aggregate of "Chains" by province does not add to the Canada total since many chains operate and are consequently counted in more than one Province.

Source: SC, *Retail Chain and Department Stores* (63-210).

Table 15.10

Retail Chain Stores[1] by Selected Localities, Ontario, 1980

Census Metropolitan Areas[2]	Stores	Sales
	No.	$000's
Barrie	107	108,352
Brantford	125	122,352
Belleville	98	90,377
Brockville	41	48,139
Chatham	77	83,951
Cornwall	92	87,046
Guelph	122	124,497
Hamilton	691	754,683
Kingston	140	141,012
Kitchener-Waterloo	417	409,230
London	438	453,117
North Bay	113	98,410
Orillia	57	62,262
Oshawa	199	237,207
Owen Sound	46	47,657
Peterborough	123	130,388
St. Catharines-Niagara Falls	442	412,780
Sarnia	93	121,324
Sault Ste. Marie	78	129,966
Thunder Bay	126	183,883
Timmins	51	59,791
Toronto	3,658	4,270,590
Trenton	34	45,852
Windsor	296	319,074
Woodstock	52	48,967

1) Does not include Department Stores — Includes Liquor, Wine and Beer Stores
2) Based on the 1976 Census Designation

Source: SC, *Retail Chain and Department Stores* (63-210)

Table 15.11

Department Store Outlets, by Selected Localities, Ontario 1980

Census Metropolitan Areas[1]	Stores	Sales
	No.	$000's
Barrie	3	32,838
Brantford	5	45,927
Chatham	3	25,868
Guelph	4	33,281
Hamilton	21	264,501
Kingston	4	47,699
Kitchener-Waterloo	19	151,193
London	14	147,519
North Bay	4	25,190
Oshawa	6	91,308
Peterborough	4	49,451
St. Catharines-Niagara Falls	15	133,167
Sarnia	5	45,216
Sault Ste. Marie	4	49,390
Sudbury	6	70,005
Thunder Bay	5	75,381
Toronto	78	1,372,210
Windsor	10	138,569

1) Based on the 1976 Census Designation

Source: SC *Retail Chain and Department Stores* (63-210)

Section
16

Agriculture

Highlights

- **Farm and Farm Income** – In Ontario the number of farms has decreased from 1976 to 1981. The 1981 total of 84,000 represents a decrease of 5.4 per cent from 1976.

  The 1981 current value of farm lands and buildings in Ontario was $25.2 billion, up $2.3 billion or 10.0 per cent from 1980 and 28.2 per cent from 1979. The current value of implements and machinery was up 12.3 per cent to $3.6 billion in 1981 from 1980. Livestock and poultry were up 6.3 per cent from 1980 to $2.7 billion in 1981.

  Feed represented the biggest Ontario farm operating expense in 1981 at $648.7 million followed by interest and total machinery at $633.2 million and $412.6 million respectively.

  From 1977 to 1981 Ontario cash receipts from farm products increased 71.0 per cent to $4.9 billion.

  Total net income from farming operations in Ontario rose by 20.8 per cent between 1962 and 1972 to reach $372.9 million. A notable increase in total net income occurred between 1972 and 1981 increasing by 124.0 per cent to $835.3 million.

  1981 agricultural and food imports were up 8.2% over the previous year to over $2.5 billion. Exports also increased, by 17.1% to $1.6 billion.

  In 1977 total crops made up 33.2 per cent, whereas total livestock products made up 62.4 per cent of total cash receipts. By 1981, total crops and total livestock products accounted for 35.1 and 60.8 per cent respectively, of total cash receipts.

  Between 1977 and 1979 tobacco has consistently yielded the highest cash receipts for crops. In 1981 tobacco yielded the highest of Ontario's total crop receipts. Similarly, cattle and calves have consistently yielded the highest revenues for livestock products; in 1981 the yield was 38.6 per cent of total livestock products receipts.

- **Farm Production** – Ontario potato production decreased 6.1 per cent from 1979 to 727.7 million pounds in 1980. Processing tomato production decreased 8.8 per cent from 1979 to 835.0 million in 1980. The total farm value of potatoes was $57.3 million in 1980 up 133.8 per cent from 1979.

  Marketed production of apples in Ontario in 1980 was 377.7 million pounds representing a 22.0 per cent increase from 1979. The farm value of the apples was $30.1 million, down 10.1 per cent from 1979. Marketed production of grapes decreased 2.3 per cent from 1979 to 1980; the total farm value of grapes increased 9.1 per cent in this period.

  Cattle and calves on Ontario farms totalled approximately 3 million for each year between 1962 and 1981. The number of pigs increased 18.3 per cent from 1962 to 1972 and increased 46.3 per cent from 1972 to 1981. Sheep and lambs increased by 0.5 per cent to 210,000 from 1972 to 1981.

  From 1978 to 1981 total milk production in Ontario increased 5.0 per cent to 2,489,086 kilolitres. In that period, the cash receipts for milk rose 47.8 per cent to $895.6 million.

  In 1981, wheat in Ontario had a yield of 52 bushels per acre and covered 500,000 acres; hay yielded 3.1 tons per acre and covered 2.6 million acres; and grain corn had a yield of 95 bushels per acre and covered 2.1 million acres.

Definitions

Cash Receipts – Receipts from the sale of agricultural products.

Income in Kind – This item represents the value of consumption of homegrown food, wool and woodlot products.

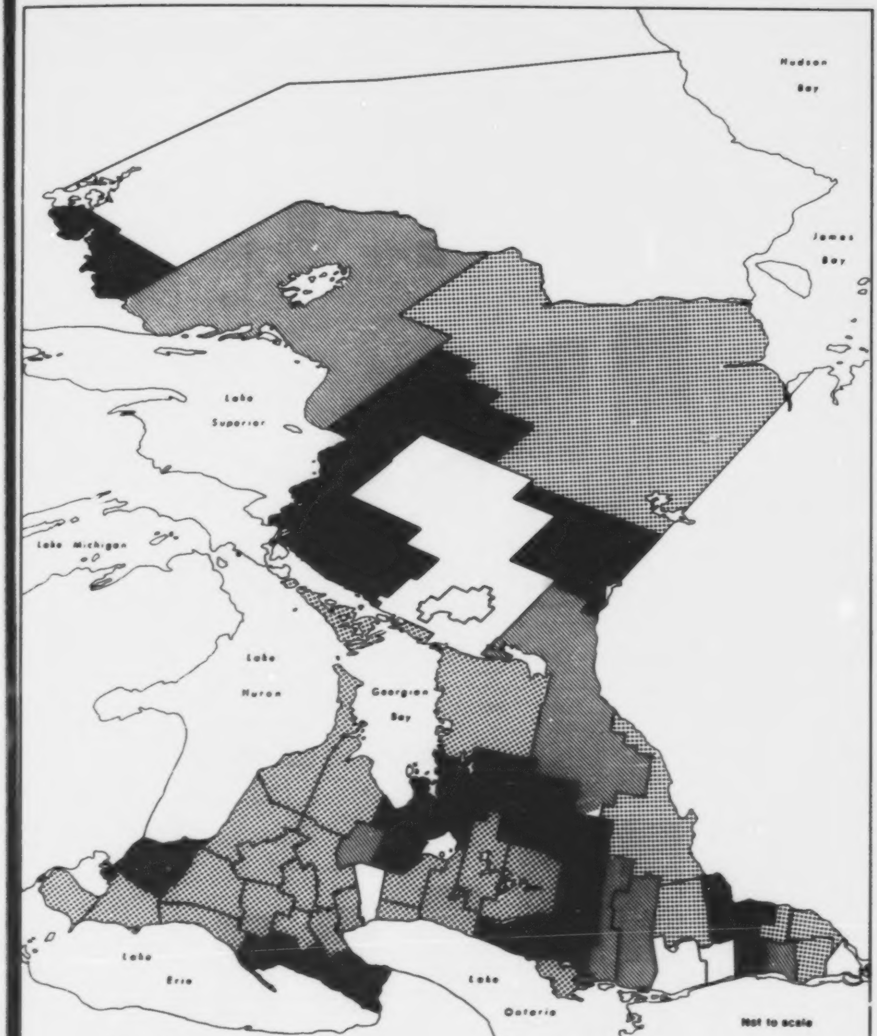
Operating and Depreciation Charges – This estimate includes farm business costs incurred by farmers regardless of whether they are paid for in cash or accumulated as new debt. As far as possible, they exclude outlays for goods and services obtained directly from other farmers. All subsidy payments are taken into account in order that the estimates represent only net amounts paid by farmers.

Depreciation charges are intended to reflect the amount that farmers would have to pay to accommodate the decline in value of farm buildings and machinery due to obsolescence and wear.

Realized Net Income – Is obtained by adding together farm cash receipts from the sale of agricultural products, supplementary payments, and the value of income in kind, and deducting farm operating expenses and depreciation charges. This estimate of farm net income represents the amount of income from farming that operators have left for family living, personal taxes and investment after provision has been made for operating expenses and depreciation charges.

Value of Inventory Change – The value of inventory change is obtained by calculating the change in the quantity of field crops and the number of livestock on farms between the beginning and end of the year and valuing the difference at average annual prices.

Total Net Income – Is obtained by adjusting realized net income to take into account changes occurring in inventories of livestock and stocks of field crops on farms between the beginning and end of the year. This latter estimate of income is used in calculating the contribution of agriculture to National Income and for making comparisons with net income of non-farm business enterprises.



Hudson Bay
James Bay
Lake Superior
Lake Michigan
Lake Huron
Georgian Bay
Lake Erie
Lake Ontario
Not to scale

Map 16.A Change in Improved Farmland[1], 1976-1981

Percent

Decrease ☐ > 7.50

Little Change ▨ —

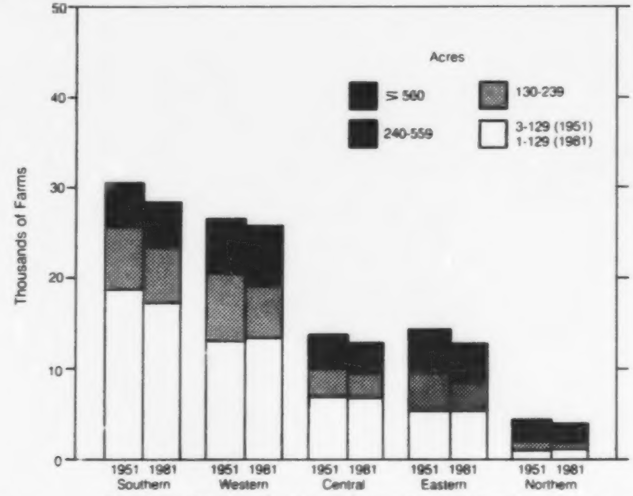
Decrease ▨ < 7.51 and > 2.50

Increase ■ 2.49

[1] Area farmed by county

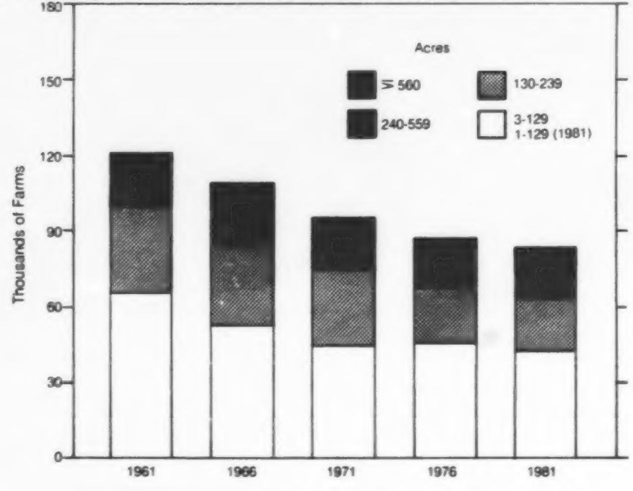
Source: Ministry of Treasury and Economics
Office of Economic Policy
Statistical Services Branch

Graph 16.B
Farm Size by Region, Ontario, 1951 and 1981



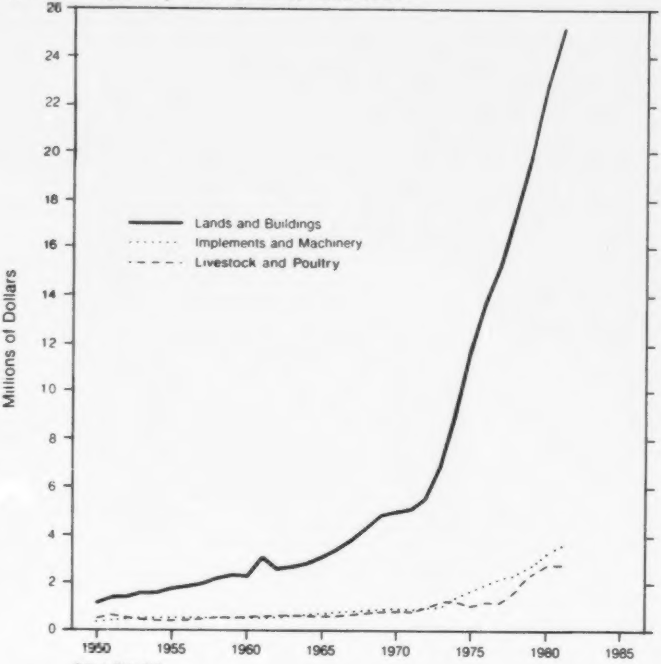
Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario 1978*; SC, *1981 Census of Agriculture*

Graph 16.C
Number of Farms by Size Group, Ontario, Census Years, 1961-1981



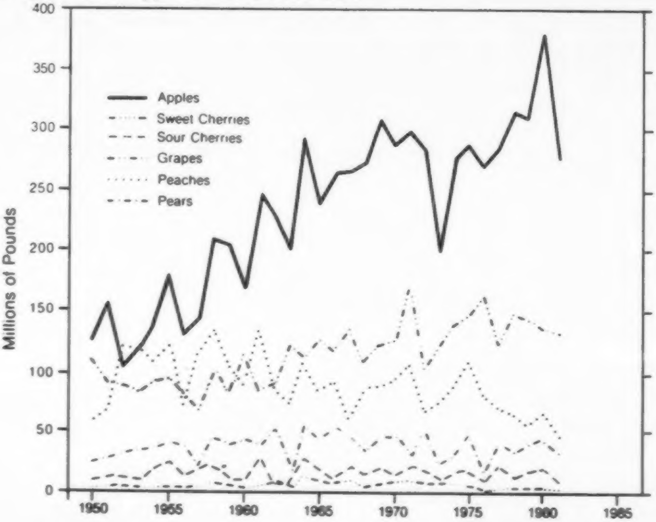
Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario 1978*; SC, *1981 Census of Agriculture*

Graph 16.D
Current Values of Farm Capital by Item, Ontario, 1950-1981



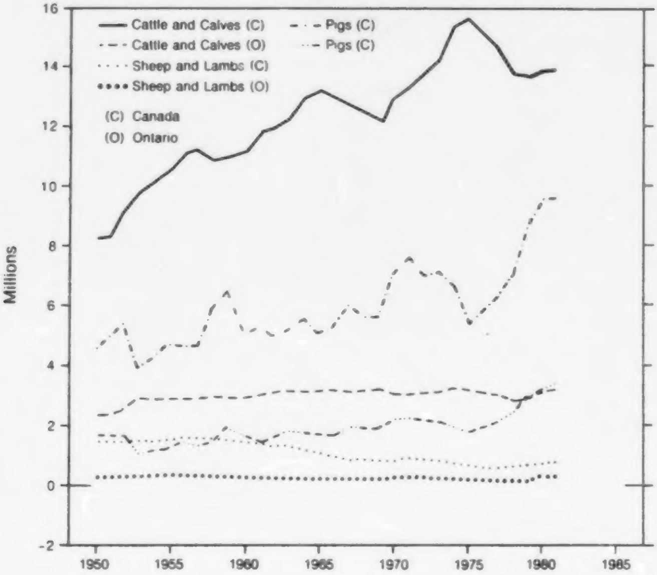
Refer to Table 16.2

Graph 16.E
Fruit Production by Selected Type, Ontario, 1950-1981



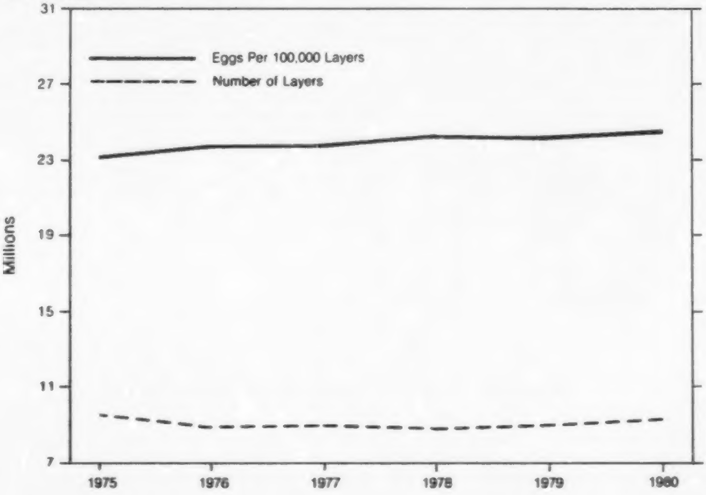
Refer to Table 16.11

Graph 16.F
Number of Livestock on Farms by Class, Canada and Ontario, 1950-1981



Refer to Table 16.13

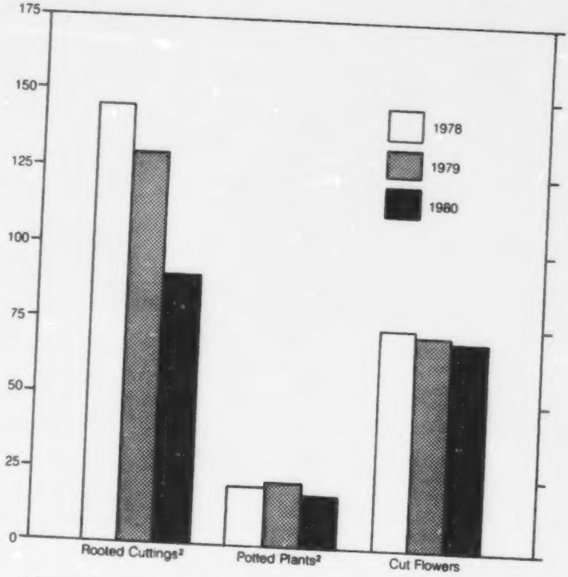
Graph 16.G
Production of Eggs, Ontario, 1975-1980



Refer to Table 16.16

Graph 16.H

Flower Production, Ontario, 1978-1980



[1] Includes bedding plants and both rooted and unrooted cuttings
[2] Includes hanging baskets and excludes bedding plants

Refer to Table 16 17

Table 16.1

Estimates of Farm Numbers, by Province[1], 1976, 1979-1981

Province	1976	1979	1980	1981
Prince Edward Island	3,700	3,100	3,100	3,000
Nova Scotia	5,400	5,800	5,800	5,900
New Brunswick	4,600	3,600	3,700	3,700
Quebec	51,600	51,500	51,500	50,000
Ontario	88,800	85,800	85,800	84,000
Manitoba	32,100	29,300	29,300	29,100
Saskatchewan	71,000	69,600	69,200	68,600
Alberta	61,100	60,000	58,500	58,000
British Columbia	19,400	20,600	20,800	20,000
Canada	337,700	329,300	327,700	322,300

1) Newfoundland estimates are not available as the survey method used in that province is not suited to farm number estimation.

Source: SC, 1976 Census of Agriculture.
SC, Farm and Agriculture Enumerative Surveys, Agriculture Statistics Division.

Table 16.2

Current Values of Farm Capital by Item, Canada[1] and Ontario, 1950-1981

	Livestock and Poultry[2]		Lands and Buildings		Implements and Machinery	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			$'000's			
1950	1,467,580	485,067	5,022,642	1,194,178	1,681,075	389,352
1951	2,006,491	682,197	5,512,519	1,419,364	1,931,880	445,278
1952	1,790,874	561,148	5,668,467	1,464,329	2,076,787	486,270
1953	1,556,503	490,068	6,295,977	1,600,376	2,257,636	519,570
1954	1,424,076	454,733	6,183,050	1,667,247	2,352,548	531,526
1955	1,462,727	459,295	6,567,066	1,803,294	2,283,627	520,991
1956	1,422,719	430,056	6,852,657	1,893,223	2,263,286	526,358
1957	1,512,472	465,308	6,958,491	1,984,305	2,371,409	556,333
1958	1,860,461	575,884	7,440,775	2,165,316	2,441,191	574,683
1959	1,956,443	593,555	7,842,190	2,391,292	2,509,654	589,969
1960	1,878,010	578,124	8,226,925	2,369,386	2,575,025	596,787
1961	1,990,234	593,722	8,603,397	3,125,974	2,565,538	579,282
1962	2,053,255	627,081	8,956,699	2,669,855	2,659,783	603,896
1963	2,126,188	614,886	9,571,797	2,719,070	2,810,539	633,141
1964	2,191,530	619,394	10,536,963	2,930,871	3,015,562	667,583
1965	2,137,861	616,873	11,816,736	3,125,974	3,263,250	710,403
1966	2,364,002	678,372	13,149,821	3,451,146	3,548,848	758,398
1967	2,517,816	731,261	14,828,164	3,881,140	3,723,206	797,591
1968	2,489,739	744,872	16,338,228	4,374,353	3,872,524	833,154
1969	2,955,806	855,239	16,626,354	4,968,160	3,925,308	855,336
1970	3,139,658	857,083	16,738,363	5,005,110	3,922,979	877,785
1971	3,065,068	794,743	16,911,982	5,183,419	3,904,961	890,037
1972	3,751,175	970,447	18,348,579	5,589,824	4,124,931	961,411
1973	4,907,390	1,219,440	22,232,843	6,934,065	4,517,817	1,066,466
1974	5,092,915	1,263,299	29,020,886	9,130,954	5,705,560	1,315,634
1975	4,126,800	1,108,341	36,640,600	11,662,374	7,515,692	1,672,114
1976	4,478,832	1,217,535	43,496,491	13,822,338	9,026,870	1,940,182
1977	4,543,892	1,211,336	46,703,744	15,273,683	9,999,298	2,113,952
1978	6,266,521	1,592,084	52,585,899	17,320,357	11,292,516	2,369,669
1979	8,994,498	2,296,251	62,640,164	19,641,285	12,826,422	2,700,057
1980	9,809,633	2,496,703	76,783,637^r	22,882,097^r	15,081,182^r	3,218,014^r
1981	9,984,768	2,653,098	82,156,560	25,170,307	16,930,188	3,614,176

[1] Excludes Newfoundland.

[2] Includes value of animals on fur farms.

Source: CANSIM, *Current Value of Farm Capital by Items.*

Table 16.3

Farm Net Income, Ontario, 1977-1981

	1977	1978	1979	1980	1981
			$'000's		
Cash receipts	2,865,736	3,417,018	4,032,472	4,405,197	4,901,533
Income in Kind	45,445	57,858	72,193	72,292	74,399
Supplementary Payments	–	–	–	–	50,133
Realized Gross Income	2,911,181	3,474,876	4,104,665	4,477,489	5,026,065
Operating and Depreciation Charges	2,321,861	2,784,848	3,341,693	3,799,342	4,179,170
Realized Net Income	589,320	690,028	762,972	678,147	846,895
Value of Inventory Change	80,204	–29,893	68,028	121,923	–11,615
Total Gross Income	2,991,385	3,444,983	4,172,693	4,599,412	5,014,450
Total Net Income	669,524	660,135	831,000	800,070	835,280

Source: SC, Agriculture Statistics Division

Table 16.4

Farm Operating Expenses and Depreciation Charges, Ontario, 1976-1981

	1976	1977	1978	1979	1980^{r}	1981
			$'000's			
Taxes[1]	29,852	32,192	35,131	36,614	37,954	40,991
Rent	62,062	68,496	87,271	98,833	114,702	127,059
Cash rent	52,007	58,155	77,839	81,066	95,932	111,761
Share rent	10,055	10,341	9,432	17,767	18,770	15,298
Wages	252,505	291,658	313,350	352,289	367,939	358,473
Cash wages	244,865	284,410	305,419	340,619	358,383	349,423
Room and board	7,640	7,248	7,931	11,670	9,556	9,050
Interest[2]	183,524	201,397	253,830	374,408	469,729	633,155
Total machinery[3]	212,140	223,799	238,626	291,722	332,482	412,574
Fuel	82,122	85,711	95,265	113,526	138,838	184,655
Machinery repairs and other expenses	130,018	138,088	143,361	178,196	193,644	227,919
Fertilizer and lime	147,664	152,322	191,410	222,715	256,481	318,256
Fertilizer	147,389	152,022	189,562	220,952	254,419	315,988
Lime	275	300	1,848	1,763	2,062	2,268
Other Crop Expenses	146,506	156,365	186,744	247,308	253,904	273,968
Pesticides	55,549	57,523	70,846	98,402	102,685	104,739
Seed	67,310	72,577	86,324	107,739	115,931	133,553
Irrigation	–	–	–	–	–	–
Twine, wire and containers	23,647	26,265	29,574	41,167	35,288	35,676
Feed[4]	373,600	384,197	444,148	523,642	594,015	648,664
Other Livestock Expenses	136,479	134,858	276,252	333,617	389,949	257,070
Feeder cattle and weanling pigs	110,273	107,806	238,228	290,359	343,102	204,618
Breed Association fees	1,532	1,685	1,715	2,076	2,362	2,629
A.I. fees and veterinary expenses	24,674	25,367	36,309	41,182	44,485	49,823
Repairs to Buildings	46,441	49,355	60,542	65,227	68,010	75,831
Electricity and Telephone	44,816	55,601	68,095	75,331	84,959	93,904
Electricity	35,274	44,912	54,781	60,925	68,668	76,359
Telephone	9,542	10,689	13,314	14,406	16,291	17,545
Miscellaneous	167,518	179,784	190,220	215,545	244,075	289,678
Insurance	12,306	12,885	16,458	17,228	22,813	26,786
Fencing	8,798	8,956	9,100	10,253	8,525	9,267
Custom work	35,405	37,327	27,467	25,762	26,596	29,335
Heating fuel	39,857	43,636	46,650	52,629	61,991	88,771
Miscellaneous	69,376	74,186	90,545	109,673	124,150	135,519
Stabilization levies	1,776	2,794	–	–	–	–
Total Operating Expenses	1,803,107	1,930,024	2,345,619	2,837,251	3,214,199	3,529,623
Depreciation	359,380	391,837	439,229	504,442^{r}	585,143	649,547
Buildings	126,761	138,521	154,773	172,875^{r}	198,326	215,607
Machinery	232,619	253,316	284,456	331,567^{r}	386,817	433,940
Total Operating Expenses and Depreciation Charges	2,162,487	2,321,861	2,784,848	3,341,693^{r}	3,799,342	4,179,170

1) Owned land and buildings only.
2) Interest payments on outstanding farm mortgages for owned land and buildings, together with interest payments on all other farm business debts.
3) For the farm business.
4) Purchases through commercial channels only.

Source: SC, *Farm Net Income*.

Table 16.5

Income of Farm Operators from Farming Operations by Component, Canada[1] and Ontario, 1952-1981

	Value of Inventory Change		Realized Gross Income[2]		Cash Receipts From Farm Products		Income in Kind		Supplementary Payments[3]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
					$'000's					
1952	282,165	19,025	3,020,095	790,060	2,798,534	739,254	216,430	50,806	5,131	. .
1953	74,559	16,383	2,904,087	761,826	2,708,590	715,952	193,925	45,874	1,572	. .
1954	-77,151	13,175	2,476,111	737,319	2,292,708	693,741	180,976	43,578	2,427	. .
1955	202,834	-27,090	2,444,186	763,987	2,239,058	723,857	171,790	40,110	33,338	. .
1956	194,967	22,173	2,698,520	754,384	2,529,300	718,654	164,216	35,730	5,004	. .
1957	-118,143	15,633	2,678,699	794,017	2,515,917	758,954	160,795	35,063	1,987	. .
1958	-46,924	31,861	2,975,524	871,967	2,754,229	837,192	161,167	34,775	60,128	. .
1959	-63,583	-9,371	2,926,629	876,088	2,753,873	843,132	150,669	32,956	22,087	. .
1960	67,904	8,148	2,958,377	882,918	2,734,498	850,334	146,675	32,584	77,204	. .
1961	-273,526	27,792	3,063,353	903,542	2,887,916	872,530	139,671	31,012	35,766	. .
1962	193,946	22,001	3,317,159	962,002	3,111,936	931,126	134,910	30,876	70,313	. .
1963	302,575	-31,764	3,345,757	1,032,941	3,199,851	1,001,982	131,137	30,959	14,769	. .
1964	-85,700	-16,069	3,630,725	1,050,464	3,495,646	1,020,203	126,602	30,261	8,477	. .
1965	48,216	-1,474	3,960,228	1,132,770	3,818,302	1,101,871	129,164	30,535	12,762	364
1966	173,392	40,237	4,439,599	1,298,246	4,272,215	1,256,350	126,039	32,256	41,345	9,640
1967	-169,039	-687	4,523,556	1,324,194	4,395,680	1,293,778	121,739	30,416	6,137	-
1968	231,885	8,037	4,497,956	1,358,505	4,369,412	1,327,911	120,576	30,594	7,968	-
1969	285,816	-18,812	4,369,989	1,433,742	4,232,741	1,400,210	127,313	32,564	9,935	968
1970	62,997	9,045	4,370,137	1,441,502	4,192,643	1,410,863	119,287	30,639	58,207	-
1971	175,926	2,746	4,661,334	1,447,243	4,530,216	1,417,938	112,863	29,305	18,255	-
1972	-264,108	-48,472	5,650,751	1,686,704	5,510,737	1,653,465	125,975	30,997	14,039	2,242
1973	569,677	89,817	7,156,735	2,103,246	6,976,403	2,059,358	168,824	43,584	11,508	304
1974	-71,180	-36,370	9,209,858	2,560,444	8,994,870	2,517,675	157,513	42,763	57,475	6
1975	261,432	94,155	10,297,160	2,739,898	10,112,141	2,696,311	154,729	43,587	30,290	-
1976	327,214	-84,155	10,228,630	2,835,452	10,068,171	2,791,900	160,459	43,553	-	-
1977	196,841	80,204	10,357,454	2,911,181	10,190,345	2,865,736	167,109	45,445	-	-
1978	189,476	-29,693^r	12,232,070	3,474,876	12,016,647	3,417,018	215,423	57,858	-	-
1979	37,104	107,386^r	14,511,991	4,094,535	14,251,197	4,022,342	260,794	72,193	-	-
1980^r	-237,125	121,923	16,067,191	4,477,489	15,777,968	4,405,197	258,151	72,292	31,072	-
1981	586,025	-11,615	18,888,043	5,026,065	18,441,444	4,901,533	270,087	74,399	156,512	50,133

Table 16.5 (cont'd.)

Income of Farm Operators from Farming Operations by Component, Canada[1] and Ontario, 1952-1981

	Total Gross Income		Operating and Depreciation Charges		Realized Net Income[5]		Total Net Income[6]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
				$'000's				
1952	3,302,260	809,065	1,452,133	448,656	1,567,962	341,404	1,850,127	360,429
1953	2,978,646	778,209	1,453,566	455,240	1,450,521	306,586	1,525,080	322,969
1954	2,398,960	750,494	1,454,938	472,619	1,021,173	264,700	944,022	277,875
1955	2,647,020	736,877	1,515,839	487,913	928,347	276,054	1,131,181	248,964
1956	2,893,487	776,557	1,625,787	537,692	1,072,733	216,692	1,267,700	238,865
1957	2,560,556	809,650	1,622,199	536,351	1,056,500	257,666	938,357	273,299
1958	2,928,600	903,828	1,726,800	573,229	1,248,724	298,738	1,201,800	330,599
1959	2,863,046	866,717	1,829,715	615,145	1,096,914	260,943	1,033,331	251,572
1960	3,026,281	891,066	1,900,303	628,424	1,058,074	254,494	1,125,978	262,642
1961	2,789,827	931,334	1,948,702	658,293	1,114,651	245,249	841,125	273,041
1962	3,511,105	964,003	2,062,580	675,317	1,254,579	286,685	1,448,525	308,686
1963	3,648,332	1,001,177	2,202,667	727,320	1,143,090	305,621	1,445,665	273,857
1964	3,545,025	1,034,395	2,339,570	779,269	1,291,155	271,195	1,205,455	255,126
1965	4,008,444	1,131,298	2,523,590	827,943	1,436,638	304,827	1,484,854	303,353
1966	4,612,991	1,338,483	2,771,564	903,789	1,668,035	394,457	1,841,427	434,694
1967	4,354,517	1,323,507	2,970,546	987,821	1,553,010	336,373	1,383,971	335,686
1968	4,729,841	1,366,542	3,080,061	1,008,883	1,417,895	349,622	1,649,780	357,659
1969	4,655,805	1,414,930	3,149,832	1,046,391	1,220,157	387,351	1,505,973	368,539
1970	4,433,134	1,450,547	3,157,499	1,082,042	1,212,638	359,460	1,275,635	368,505
1971	4,837,260	1,449,989	3,414,077	1,149,298	1,247,257	297,945	1,423,183	300,691
1972	5,386,643	1,638,232	3,756,706	1,265,367	1,894,045	421,337	1,629,937	372,865
1973	7,726,412	2,193,063	4,558,882	1,494,930	2,597,853	608,316	3,167,530	698,133
1974	9,138,678	2,524,074	5,617,898	1,759,974	3,591,960	800,470	3,520,780	764,100
1975	10,558,592	2,834,053	6,523,836	2,004,256	3,773,324	735,642	4,034,756	829,797
1976	10,555,844	2,751,297	7,296,413	2,162,487	2,932,217	672,965	3,259,431	588,810
1977	10,554,295	2,991,385	7,800,102	2,321,861	2,557,352	589,320	2,754,193	669,524
1978	12,421,546	3,444,983	9,107,695	2,784,848	3,124,375	690,028	3,313,851	660,135
1979	14,549,095	4,201,921	10,938,688	3,333,642	3,573,303	760,893	3,610,407	868,279
1980[r]	15,830,066	4,599,412	12,672,722	3,799,342	3,394,469	678,147	3,157,344	800,070
1981	19,454,068	5,014,450	14,563,628	4,179,170	4,304,415	846,895	4,890,440	835,280

1) Excludes Newfoundland.

2) Sums of cash receipts, income in kind and supplementary payments.

3) Payments made by the province of Québec to beef, poultry and potato farmers due to the poor economic conditions faced by these farmers.

4) Realized gross income plus or minus inventory changes.

5) Realized gross income less operating and depreciation charges.

6) Total gross income less operating and depreciation charges.

Source: CANSIM, Income of Farm Operators from Farming Operations by Components Agriculture Canada, *Canadian Agriculture Out Look Conference Report*

Table 16.6
Farm Cash Receipts from Farming Operations by Products, Ontario, 1977-1981

	1977	1978	1979[r]	1980[r]	1981
			$'000's		
Wheat	84,211[4]	32,530[4]	77,499[4]	99,155	134,178
Oats	1,860	1,834	2,234	2,687	2,781
Barley	5,625	6,113	8,111	11,098	14,797
Rye	214	304	689	1,036	1,144
Flaxseed	–	–	–	–	–
Soybeans	79,642	152,783	128,787	197,987	163,810
Corn	152,644	191,686	216,425	357,497	346,004
Sugar beets	–	–	–	–	–
Potatoes	34,676	26,538	29,137	41,339	44,631
Fruits	67,121	83,969	91,592	92,930	90,000
Vegetables	155,010	176,803	194,861	201,441	215,002
Floriculture and Nursery	105,151	115,000	133,173	143,467	154,512
Tobacco	172,029	252,577	273,605	196,319	361,845
Other crops	72,576	78,168	97,279	129,006	189,252
Crop Insurance Payments	19,945	15,500	52,282	16,377	21,928
Total Crops	950,704	1,133,805	1,305,674	1,490,339	1,739,884
Cattle and calves	668,620	896,924	1,109,628	1,169,370	1,161,955
Hogs	285,667	398,561	452,848	467,374	526,954
Sheep and lambs	4,684	5,920	7,046	8,319	10,489
Dairy products	508,118	524,513	603,589	709,719	805,401
Poultry	170,924	192,956	236,282	237,146	281,926
Eggs	115,472	119,168	132,655	154,770	173,739
Other livestock products	34,740	42,975	45,851	51,711	50,796
Total Livestock Products	1,788,225	2,181,017	2,587,899	2,798,409	3,011,260
Forest and maple products	10,167	12,995	15,534	13,697	14,832
Provincial Income Stabilization Program	12,613	–	5,526	6,815	6,585
Dairy supplement payments	86,615	81,216	78,192	80,364	90,240
Definciency payments[1]	17,412[3]	7,985[3]	39,647	15,573	38,732
Cash receipts from farming operations	2,865,736	3,417,018	4,032,472	4,405,197	4,901,533
Supplementary payments[2]	–	–	–		50,113
Total Cash Receipts	2,865,736	3,417,018	4,032,472	4,405,197	4,951,666

1) Made under the authority of the Agricultural Stabilization Act. For this report, items included in the deficiency payments are specified below. Deficiency payments on other products are *included* as part of the estimated income for those products.

2) Government assistance to farmers who suffered losses as a result of adverse weather conditions.

3) Includes deficiency payments as follows: 1973 – two-price wheat, fowl and hogs; 1974 – two-price wheat, beef, lambs, fowl and hogs; 1975 – two-price wheat, beef, potatoes, hogs and cows; 1976 – two-price wheat, potatoes, beef, cows, cattle, fruits and vegetables; 1977 – potatoes, cattle, cows, fruits and vegetables; 1978 – potatoes, cattle, cows, fruits and vegetables; 1979 – potatoes, cattle, winter wheat, barley, fruits and vegetables.

4) Includes Board payments of $35,027,000 for 1976, $25,189,000 for 1977, $7,894,000 for 1978, $23,638,000 for 1979, and $42,381,000 for 1980.

Source: SC, *Farm Cash Receipts*, (21-202).

Table 16.7

Agricultural and Food Imports and Exports, Ontario, 1978-1981

	1978		1979		1980		1981	
	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports
				$'000's				
Live Animals[1]	38,095	48,253	28,975	81,182	60,367	67,819	138,809	57,158
Meats	129,114	90,714	115,889	129,326	98,507	151,971	111,409	161,763
Poultry & Eggs	39,633	21,635	47,733	22,111	37,554	34,695	45,157	41,084
Dairy Products	31,141	21,621	33,754	19,871	38,456	30,331	42,383	42,392
Other Animal Products	87,357	77,873	126,385	104,853	121,127	83,830	134,046	89,483
Grains	42,385	89,683[2]	69,240	71,331[2]	107,649	190,282[2]	111,129	271,686[2]
Grain Products	41,166	63,397[3]	48,319	73,712[3]	55,663	92,399[3]	63,239	73,291[3]
Animal Feeds	17,801	27,117[4]	22,741	46,865[4]	24,334	51,633[4]	27,292	32,816[4]
Fruits & Nuts	322,450	8,247	389,634	15,770	412,877	14,536	499,048	16,701
Vegetables	146,090	42,742	167,043	59,576	173,071	80,117	233,548	110,250
Potatoes	9,732	1,121	8,562	484	8,593	2,321	15,744	3,584
Seeds for Sowing	23,942	4,173	36,118	5,038	33,586	4,763	40,722	5,130
Oil Seeds	115,804	24,504[5]	136,430	14,923[5]	167,081	35,012[5]	160,691	46,431[5]
Oil Seed Products	138,936	16,312[6]	170,528	17,752[6]	155,160	39,317[6]	159,020	30,852[6]
Vegetable Fibres	25,159	3,265	29,236	4,334	37,562	5,841	33,950	2,103
Cocoa, Coffee & Tea	205,630	1,044	246,261	2,449	241,914	832	205,941	1,159
Spices	8,964	975	8,861	1,712	9,894	2,178	11,258	2,234
Sugar & Related Products	66,016	25,622	97,009	33,367	242,642	9,793	176,742	14,947
Confectionery	34,679	12,158	45,216	19,275	44,621	25,359	49,200	24,243
Nursery Stocks	26,739	7,987	29,803	8,652	30,883	10,236	40,351	14,151
Beverages	95,804	206,463	96,478	227,738	98,035	265,302	99,514	296,260
Tobacco	11,804	99,854	13,699	140,564	39,251	70,457	11,091	135,045
Others	69,593	25,536	82,883	39,417	96,076	47,545	116,093	77,983
Total	1,728,034	920,296	2,050,799	1,140,302	2,334,903	1,324,569	2,526,377	1,550,746

1) Excludes live poultry (included in Poultry & Eggs) and honey bees (included in other Agric. Products).
2) Excludes barley, buckwheat, oats, n.e.s., rye, red spring wheat, durum wheat n.e.s. Includes all Canadian exports of winter wheat.
3) Excludes hard spring wheat flour, durum cemolina and flour.
4) Excludes mixed feed oats, hulls, screenings, chaff, etc., rapeseed screenings, and pelleted screenings.
5) Excludes flaxseed, rapeseed, mustard seed, and sunflower seed.
6) Excludes linseed oil cake and meal, rapeseed oil cake and meal, rapeseed oil and linseed oil.

Source: Statistics Canada, External Trade Division and Economics Branch, OMAF

Table 16.8

Agricultural and Food Exports, Ontario, 1970-1981

	Total	U.S.	U.K.	E.E.C.[1]	Caribbean	Japan	Other
				$ Million			
1970	421	267	93	11	17	2	31
1971	387	234	100	11	16	2	24
1972	429	252	100	21	20	5	31
1973	556	333	110	29	26	15	43
1974	507	264	126	28	21	11	57
1975	605	325	101	35	23	24	97
1976	670	339	100	58	31	29	113
1977	712	400	95	59	24	40	94
1978	921	462	122	72	36	62	167
1979	1,140	609	134	102	51	60	184
1980	1,324	659	96	128	114	63	264
1981	1,551	689	124	95	122	94	425

1) Excludes the United Kingdom.

Source: Ministry of Agriculture and Food, based on SC External Trade Division data.

Table 16.9

Vegetable Production by Selected Type, Ontario, 1956-1981

	Cabbage	Carrots[2]	Corn, Processing	Corn, Fresh	Cucumbers[3]	Onions (Dry)[1]	Peas, Processing	Tomatoes		Rutabagas
								Processing	Fresh Field	
						'000's lbs.				
1956	62,866	87,444	133,624	..	..	78,240	39,286	496,833	..	..
1957	60,000	95,180	161,448	19,239	..	90,110	68,314	391,504	82,406	..
1958	65,210	108,410	158,708	22,839	..	78,402	40,964	629,227	93,774	..
1959	61,056	99,178	140,190	25,770	29,470	101,290	34,584	552,954	94,758	199,564
1960	60,490	111,276	165,786	20,170	30,707	115,794	46,728	671,178	102,984	209,836
1961	72,322	121,052	197,324	20,711	42,002	95,666	52,960	581,212	105,076	280,130
1962	67,518	137,988	217,310	20,710	38,390	139,344	48,422	695,844	97,286	143,420
1963	84,016	136,180	152,580	24,988	48,594	162,912	37,028	580,660	91,534	143,742
1964	70,502	127,398	207,410	21,240	56,784	131,020	53,526	636,948	84,574	174,678
1965	79,014	142,208	210,000	19,806	46,190	185,508	60,000	760,000	85,930	173,390
1966	72,960	164,644	240,000	27,484	69,550	114,238	36,800	580,000	97,688	129,950
1967	72,300	105,748	226,000	21,132	51,911	132,238	48,100	672,000	97,224	170,784
1968	75,302	163,378	260,000	21,468	77,334	157,020	72,000	638,000	57,644	178,008
1969	74,933	170,489	290,000	20,436	82,286	126,941	33,200	526,000	51,986	108,471
1970	79,754	157,551	260,000	29,760	101,220	121,511	58,000	718,000	62,751	142,395
1971	83,700	118,237	288,000	16,894	89,384	115,388	50,200	732,000	53,724	106,583
1972	84,082	156,472	330,000	29,684	72,682	106,052	53,000	648,000	46,144	118,770
1973	91,083	180,724	308,000	24,127	93,879	133,260	68,200	788,000	45,642	116,522
1974	83,772	204,953	308,000	22,854	89,818	144,512	79,000	668,000	38,187	118,959
1975	98,088	228,602	388,000	30,546	104,035	119,252	78,000	780,000	45,168	123,836
1976	100,978	149,759	355,000	30,588	91,272	121,200	62,000	833,630	46,476	135,989
1977	121,083	138,573	334,000	31,578	98,086	133,354	65,300	918,100	55,860	121,618
1978	138,352	227,711	300,000	28,086	104,704	182,771	63,000	937,000	50,303	119,841
1979	109,595	259,515	385,000	30,024	100,144	141,994	89,000	915,450	47,436	126,885
1980	107,404	128,798	366,000	29,418	87,206	132,950	66,000	835,000	43,827	142,907
1981p	130,260	182,409	379,968	27,963	87,826	171,827	60,579	808,952	47,843	143,212

1) Bulb onions excluding green onions.
2) Excludes bunching carrots.
3) Includes field, fresh and processing.

Source: SC, *Fruit and Vegetable Crop Reports*.
Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

Vegetable Production, Acreage and Value, Ontario, 1979-1980

		1979					1980				
	Unit	Area[1]	Average Yield per Acre	Marketed Production	Farm Value	Total Farm Value[2]	Area[1]	Average Yield per Acre	Marketed Production	Farm Value	Total Farm Value[2]
		Acres	'000's	'000's	¢/Unit	$'000's	Acres	'000's	'000's	¢/Unit	$'000's
Asparagus, fresh & proc.	lb.	2,551	1.6	3,983	69.0	2,744	2,426	1.5	3,571	81.9	2,924
Beans, green & wax fresh mkt.	lb.	1,526	5.8	8,792	24.0	2,085	1,909	5.1	9,811	23.1	2,262
Beans, green & wax – proc.[3]	lb.	4,800	4.9	23,500	9.0	2,115	4,200	5.5	23,000	2,116	
Beans, Lima – proc.	lb.	1,500	3.0	4,500	18.6	840	630	2.6	1,628	20.0	326
Beets, bunching	lb.	127	10.0	1,269	23.0	293	146	10.5	1,523	27.4	418
Beets, topped	lb.	852	28.5	23,349	3.2	748	784	28.5	21,976	3.4	739
Broccoli, fresh & proc.	lb.	475	5.4	2,555	15.6	399	228	5.5	1,247	27.5	343
Brussel Sprouts, fresh & proc.	lb.	454	7.1	3,205	33.8	1,085	99	5.7	568	35.2	200
Cabbage, fresh & proc.	lb.	3,201	35.4	109,595	4.9	5,377	3,136	35.6	107,404	7.0	7,489
Carrots, fresh & proc. topped	lb.	4,440	64.0	259,515	3.2	8,297	3,730	42.5	128,798	6.1	7,839
Carrots, bunching	lb.	80	11.2	898	13.5	121	7.6	11.4	863	13.4	11.6
Cauliflowers, fresh & proc.	lb.	2,782	19.7	54,746	11.8	6,455	3,078	18.3	54,716	13.9	7,608
Celery, fresh & proc.	lb.	602	73.9	44,500	5.9	2,641	629	72.4	43,661	7.6	3,327
Corn, sweet – fresh market	doz.	6,040	0.8	5,004	74.0	3,700	5,982	0.8	4,903	90.4	4,433
Corn, sweet – proc.	lb.	38,200	10.3	395,000	2.7	10,500	37,000	9.9	366,000	2.9	10,614
Cucumber, field fresh market	lb.	540	18.8	10,144	10.6	1,074	588	15.7	9,206	10.7	982
Cucumber, field proc.	lb.	5,020	17.9	90,000	9.0	8,100	4,500	17.3	78,000	8.7	6,786
Cucumber, greenhouse[4]	doz.	...	...	1,887	334.0	6,309	...	...	1,907	362.0	6,900
Lettuce, head, fresh market	doz.	1,339	1.4	1,854	180.0	3,347	1,440	1.4	2,024	246.4	4,987
Onions, bunching	lb.	425	14.3	6,064	32.9	1,996	397	15.9	6,319	37.7	2,383
Onions, dry	lb.	5,070	33.4	141,994	5.7	7,905	5,015	27.9	132,950	10.2	13,497
Parsnips	lb.	285	21.6	4,433	11.1	490	256	19.6	4,068	15.3	624
Peas, green – proc.	lb.	21,400	3.2	69,000	12.0	8,300	20,000	3.3	66,000	13.3	8,778
Peppers, fresh & proc.	lb.	1,571	11.4	17,915	12.2	2,193	1,510	8.7	13,095	15.0	1,967
Potatoes	lb.	44,965	20.0	774,707	3.2	24,507	38,469	21.0	727,721	7.9	57,294
Pumpkin & Squash – proc.	lb.	1,200	23.4	28,100	1.4	393	1,100	26.7	29,400	1.5	441
Radishes	lb.	1,365	9.4	12,782	20.5	2,616	1,385	8.8	12,233	21.8	2,669
Rutabagas	lb.	4,097	37.9	126,865	3.8	4,860	4,086	38.5	142,907	5.9	8,468
Spinach, fresh & proc.	lb.	856	7.2	6,208	19.9	1,234	711	6.6	4,725	20.0	943
Tomatoes, fresh mkt.	lb.	2,770	17.1	47,435	15.6	7,386	2,827	15.7	43,827	16.3	7,149
Tomatoes, greenhouse	lb.	...	...	27,429	45.4	12,442	...	...	27,434	45.2	12,411
Tomatoes, proc.	lb.	23,000	39.8	915,450	4.3	39,300	24,200	34.5	835,000	4.5	37,575
Total of above specified vegetables		181,533				179,852	170,537				224,610

1) Acreage harvested.

2) Does not include Federal subsidy payments.

3) Includes Romano beans.

4) Source: Ontario Greenhouse Vegetable Growers' Marketing Board.

Source: Ontario Ministry of Agriculture and Food, *Fruit and Vegetable Report*

Table 16.11

Fruit Production, Acreage and Value, Ontario, 1979-1980

		1979					1980				
	Unit	Area[1]	Total Production[2]	Marketed Production[3]	Farm Value per Marketed Unit	Total Farm Value[4]	Area[1]	Total Production[2]	Marketed Production[3]	Farm Value per Marketed Unit	Total Farm Value[4]
		Acres	'000's	'000's	¢	$'000's	Acres	'000's	'000's	¢	$'000's
Apples	lb.	24,520	310,025	309,602	10.8	33,516	24,453	378,204	377,729	8.0	30,135
Cantaloupes	lb.	114	1,620	1,620	14.3	232	109	933	933	16.2	151
Cherries, sour	lb.	2,248	17,294	17,109	48.0	8,131	2,258	21,764	19,920	25.0	4,971
Cherries, sweet	lb.	1,331	4,338	4,150	34.7	1,438	1,324	5,909	5,651	33.8	1,909
Grapes	lb.	26,508	141,114	140,714	14.0	19,720	26,526	137,926	137,440	15.7	21,506
Peaches	lb.	8,040	54,608	53,590	21.0	11,280	7,845	67,500	64,712	20.1	13,021
Pears, Bartlett	lb.	2,416	23,830	22,987	16.0	3,694	2,402	25,973	25,031	16.1	4,019
Pears, Keiffer	lb.	433	5,944	5,292	6.8	361	433	6,033	5,493	7.7	424
Pears, Bosc	lb.	...	...	...	...	...	547	6,424	6,184	19.3	1,193
Pears, other[5]	lb.	1,031	8,314	7,882	18.2	1,432	501	5,216	5,049	15.0	758
Plums & Prunes	lb.	1,466	8,933	8,562	23.2	1,987	1,466	9,790	9,387	25.8	2,420
Raspberries	qt.	571	681	681	130.0	885	597	825	825	142.0	1,168.0
Strawberries	qt.	2,762	17,485	17,485	51.6	9,031	2,889	18,740	18,740	56.7	10,634
Total of above specified fruits	...	71,440	...	...	...	91,707	71,350				92,309

1) Acreage harvested.
2) Estimated produce harvested.
3) Estimated sales to fresh markets, and processed.
4) Does not include government subsidy payment.
5) 1979 figures include Bosc.

Source: Ministry of Agriculture and Food, *Seasonal Fruit and Vegetable Report*.

Table 16.12

Fruit Production[1] by Selected Type, Ontario, 1950-1981

		Cherries								
	Apples	Sweet	Sour	Grapes	Peaches	Pears	Plums	Prunes	Rasp-berries	Straw-berries
	'000's lbs.								'000's qts.	
1950	128,746	2,264	11,489	107,730	56,949	24,161	13,802		3,507	8,928
1951	158,008	2,816	14,607	86,706	67,404	28,130	17,981		4,151	9,765
1952	107,469	5,721	12,876	83,894	118,658	36,907	26,576		3,248	9,590
1953	118,193	3,747	12,210	78,266	117,476	37,686	25,646		3,182	9,255
1954	138,188	4,213	21,294	87,102	107,686	33,205	24,311		3,170	7,992
1955	181,665	5,266	27,106	92,760	118,523	44,352	28,796		2,566	7,578
1956	134,651	1,890	14,604	79,184	68,816	40,933	14,029		2,721	7,524
1957	144,940	6,700	18,300	67,100	113,275	19,000	19,000		2,564	6,158
1958	212,418	8,825	22,990	103,874	129,390	43,245	21,115		2,882	6,854
1959	207,138	8,820	12,043	81,800	107,169	38,336	18,015		2,365	6,188
1960	169,226	4,620	12,698	111,838	88,643	44,834	13,373		2,969	9,159
1961	247,985	6,253	26,317	81,634	127,175	40,804	17,010		2,997	7,986
1962	229,419	11,520	10,610	89,014	81,635	53,460	9,374		2,169	5,989
1963	204,876	7,157	10,295	119,317	72,920	23,252	4,461	3,404	2,449	4,500
1964	293,486	12,040	30,224	113,800	107,229	55,075	11,579	5,600	2,358	7,995
1965	242,235	10,600	22,190	125,600	80,300	44,365	14,305	4,156	2,083	7,581
1966	266,990	12,064	13,209	116,400	86,181	55,641	10,264	5,432	1,140	7,692
1967	267,418	10,862	22,745	130,670	60,176	44,723	4,177	5,501	1,413	8,032
1968	273,622	8,200	16,100	109,400	79,428	37,083	6,194	5,844	1,114	8,841
1969	312,447	10,149	21,170	122,873	84,991	42,631	5,511	4,094	1,079	9,837
1970	288,457	6,052	15,143	126,462	90,254	43,402	6,848	5,036	1,064	11,322
1971	299,336	11,319	21,333	168,350	104,822	35,560	8,378	5,258	1,203	11,215
1972	287,756	9,447	17,309	104,382	65,195	51,900	6,517	5,754	982	9,189
1973	204,878	7,157	10,295	119,317	72,920	23,252	4,461	3,573	783	8,786
1974	277,585	5,260	15,512	138,397	86,115	37,349	2,771	4,082	725	8,828
1975	290,780	7,455	16,549	145,244	108,013	47,415	9,167	4,620	601	10,595
1976	260,446	1,864	9,186	160,481	77,187	16,121	5,023	825	589	11,806
1977	284,886	4,388	15,356	121,928	72,135	41,504	9,468		645	14,148
1978	315,264	4,337	10,070	149,299	65,012	36,402	5,894		599	17,543
1979	310,025	4,338	17,294	141,114	54,608	38,088	8,933		681	17,485
1980	378,204	5,909	21,264	137,926	67,500	43,646	9,790		825	18,740
1981	272,961	2,220	4,685	135,355	43,945	30,962	3,805		773	17,335

1) Total production

Source: Ministry of Agriculture and Food, *Agricultural Statistics for Ontario.*
Seasonal Fruit and Vegetable Report.

Table 16.13

Number of Livestock on Farms by Class, Canada[1] and Ontario, at June 1, 1950-1974, July 1, 1975-1981

	Livestock					
	Cattle and Calves		Pigs		Sheep and Lambs[2]	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			'000's			
1950	8,342.7	2,372.0	4,371.9	1,800.0	1,578.6	398.0
1951	8,363.1	2,465.9	4,914.3	1,755.5	1,461.2	360.2
1952	9,153.0	2,675.0	5,427.5	1,700.0	1,534.0	385.0
1953	9,806.0	2,840.0	3,970.5	1,260.0	1,592.5	407.0
1954	10,170.0	2,890.0	4,440.0	1,315.0	1,635.6	402.0
1955	10,603.0	2,925.0	4,799.5	1,440.0	1,634.0	400.0
1956	11,011.2	2,901.7	4,730.9	1,548.3	1,619.7	393.8
1957	11,265.0	2,951.0	4,758.0	1,529.0	1,628.5	381.0
1958	10,990.0	2,906.0	5,931.0	1,764.0	1,629.5	380.0
1959	11,058.0	2,915.0	6,519.0	2,056.0	1,608.5	364.0
1960	11,337.0	2,972.0	5,070.0	1,726.0	1,607.0	353.0
1961	11,933.8	3,115.7	5,331.2	1,686.3	1,548.3	341.1
1962	12,067.0	3,247.0	4,981.0	1,823.0	1,449.0	333.0
1963	12,365.0	3,204.0	5,211.0	1,929.0	1,346.0	309.0
1964	12,994.0	3,243.0	5,667.0	1,965.0	1,272.0	292.0
1965	13,260.0	3,252.0	5,147.0	1,829.0	1,132.0	280.0
1966	12,878.8	3,137.0	5,401.3	1,935.6	1,005.5	265.4
1967	12,697.0	3,160.0	6,070.0	2,073.0	922.0	250.0
1968	12,487.0	3,200.0	5,771.0	2,027.0	829.2	227.0
1969	12,366.0	3,205.0	5,809.0	2,042.0	796.0	226.0
1970	12,826.0	3,136.0	7,113.7	2,179.0	796.0	208.0
1971	13,270.9	3,082.0	7,624.1	2,230.5	851.3	216.2
1972	13,736.0	3,102.0	7,045.6	2,157.0	826.8	209.0
1973	14,249.0	3,136.0	7,103.2	2,052.0	778.8	200.0
1974	15,318.0	3,260.0	6,650.7	1,930.0	729.8	195.0
1975	15,622.0	3,233.0	5,469.3	1,789.0	649.6	168.0
1976[3]	15,187.0	3,128.0	5,825.5	1,932.2	562.6	132.0
1977	14,668.0	3,077.0	6,279.0	2,056.0	534.5	131.0
1978	13,705.0	2,900.0	7,775.0	2,730.0	565.5	144.0
1979	13,672.6	2,935.0	9,345.7^{r}	3,175.0	662.4	170.0
1980	13,856.4	3,015.0	9,651.0	3,140.0	725.2	195.0
1981	13,866.6	3,025.0	9,553.8	3,155.0	756.2	210.0

1) Excludes Newfoundland.
2) Beginning July 1, 1978, Newfoundland is included in Canada totals.
3) Census figures.

Source: CANSIM, *Cattle: Numbers on farms.*
Hogs: Numbers on farms.
Sheep and Lambs: Numbers on farms.

Table 16.14

Milk Production and Cash Receipts, Sold Off Farms, Ontario, 1978-1981

	1978	1979	1980[r]	1981
		kilolitres		
Milk production				
Delivered as milk	1,282,277	1,296,708	1,378,072	1,398,481
Delivered as cream	99,268	90,489	88,482	90,262
Fluid purposes	988,926	999,434	1,000,634	1,000,343
Total	2,370,471	2,386,631	2,467,188	2,489,086
		$'000's		
Cash receipts				
Farm sales of milk and cream[1]				
Delivered as milk	232,397	267,768	326,635	376,050
Delivered as cream	. . .	9,881	11,129	12,578
Other	292,116	317,871	358,299	412,105
Supplementary payments	81,444	78,192	80,364	90,240
Contingency levy	. . .	8,069	13,656	4,668
Total	605,957	681,781	790,083	895,641

1) Farm separated cream expressed in terms of milk equivalent.

Source: CANSIM, *Milk Production and Utilization, by Province.*

Table 16.15

Crop Yields and Acreage, Ontario, 1978-1981

	Yields				Acreage			
	1978	1979	1980	1981	1978	1979	1980	1981
	Bushels per acre				'000's			
Winter Wheat	41.0	52.0	54.0	52.0	590	335	490	500
Oats	52.0	57.0	59.0	56.0	450	445	405	340
Barley	53.0	57.0	58.0	57.0	320	360	335	480
Mixed Grain	58.0	63.0	64.0	63.0	810	810	790	800
Grain Corn	82.0	90.0	93.0	95.0	1,610	1,680	1,870	2,100
Fodder Corn[2]	12.0	13.0	13.0	13.0	865	840	810	720
Soybeans	27.0	35.0	37.0	33.0	550	705	700	710
White Beans[1]	11.4	16.2	16.3	12.3	160	148	84	100
Hay[2]	2.5	2.8	3.0	3.1	2,745	2,850	2,820	2,600

1) In hundredweights per acre.

2) In tons per acre.

Source: Ministry of Agriculture and Food, Economics Branch.

Table 16.16

Production and Disposition of Eggs, Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
Production:						
Average no. of layers ('000's)	9,546	8,921	9,038	8,928	8,908	9,348
Eggs per 100 layers	23,115	23,736	23,709	24,255	24,278	24,298
Net production ('000's doz.)	183,802	176,403	178,569	180,381	180,250	189,250
Value of production ($'000's)	104,403	115,139	117,222	121,021	134,546	156,659
Disposition:						
Sold for consumption						
('000's doz.)	172,518	164,892	166,741	168,000	167,576	175,903
($'000's)	91,232	101,507	103,723	105,047	117,775	137,099
Producer used for consumption						
('000's doz.)	2,338	2,179	2,430	2,507	2,412	2,233
($'000's)	1,452	1,500	1,750	1,853	1,891	1,889
Used for hatching						
('000's doz.)	8,946	9,332	9,398	9,874	10,262	11,114
($'000's)	11,719	12,132	11,749	14,121	14,880	17,671

Source: Ministry of Agriculture and Food. *Agricultural Statistics for Ontario*

Table 16.17

Flower Production by Type and Total Value, Canada and Ontario, 1978-1980

	Canada			Ontario		
	1978	1979[r]	1980	1978	1979	1980
			Number			
Cut Flowers						
Carnations	13,899,705	11,854,063	10,377,751	11,032,360	9,472,970	7,728,276
Chrysanthemums	38,497,230	36,759,907	34,289,312	29,005,492	27,296,298	24,727,207
Gladioli	898,120	1,250,695	1,162,700	627,385	997,000	798,462
Iris	2,155,768	1,792,200	1,748,987	1,335,558	953,500	1,088,567
Narcissus and Daffodils	4,216,217	13,490,659	10,789,845	596,344	677,100	756,800
Peonies	..[2]	..[2]	..[2]	..[2]	..[2]	..[2]
Roses	48,567,028	42,682,010	46,329,128	27,425,156	29,097,207	32,315,143
Snapdragons	826,952	808,748	596,152	598,137	596,768	420,664
Tulips	4,282,280	4,814,202	3,927,452	1,590,684	1,519,383	1,231,417
Others	2,558,149	3,232,779	2,556,384	1,132,672	2,021,838	834,256
Container (potted) Plants						
Azaleas	591,155	608,566	620,070	390,782	412,334	397,285
Geraniums	5,427,948	6,120,333	5,870,916	3,584,623	3,984,095	3,202,147
Lilies	858,666	970,111	880,498	562,062	661,164	560,183
Pointsettias	2,259,414	2,277,376	2,336,628	1,310,122	1,424,306	1,386,120
Chrysanthemums	4,342,044	3,933,064	4,062,053	2,528,865	2,495,282	2,466,952
Tropical foliage and green plants	17,899,188	18,586,231	15,516,103	9,338,803	6,971,881	5,061,639
Hanging baskets	529,832	1,162,629	1,376,461	241,866	787,814	832,871
Others	2,455,054	4,390,504	6,116,265	1,419,014	3,317,560	3,862,770
Bedding plants	170,979,281	165,888,443	145,425,055	83,747,674	85,765,779	60,522,447
Cuttings[3]						
Carnations	1,227,710	82,273	7,660	1,201,190	563	–
Chrysanthemums	22,009,263	11,873,465	3,326,010	21,112,985	11,042,400	2,507,685
Vegetable plants	68,813,311	56,896,377	53,737,043	35,477,225	29,609,847	25,207,752
Others	3,639,607	3,806,428	2,452,144	3,240,869	3,274,734	1,842,736
Value of ornamental and plant sales ($)	154,918,918	170,030,266	183,994,113	90,347,530	96,577,038	98,686,348

1) Included in "Other Potted Plants".
2) Included in "Other Cut Flowers".
3) From 1978, includes both rooted and unrooted cuttings.

Source: SC, *Greenhouse Industry*, (22-202).

Section 17

Fisheries and Wildlife

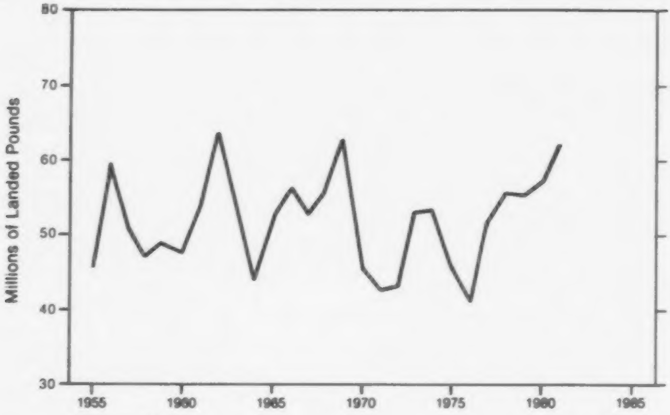
Highlights

- **Commercial Fisheries** – In 1981 the value of the Ontario commercial fish harvest was $31.8 million, representing an increase of 34.4 per cent from 1980; the fish harvest in that same period increased 5.1 per cent from 58.9 million pounds to 61.9 million pounds. In terms of value of fish harvest, yellow perch represented $14.4 million, 45.5 per cent of the 1981 total for Ontario. Lake Erie fishery supplied 72.2 per cent of the 1981 Ontario commercial fish harvest in terms of weight. There were 4,762 commercial fishing licences issued in 1981. This represents a 0.3 per cent increase from the 1980 mark of 4,749 and is 14.6 per cent below the 5,577 high reached in 1970.
- **Sport Fisheries** – In 1981 Ontario sold 673,334 angling licences to non-residents, up 7.1 per cent from 1980. Seasonal licences represented 62.2 per cent of the total angling licences sold to non-residents in 1981. In the absence of a resident angling licence requirement, no data is available regarding Ontario resident anglers.
- **Wildlife** – Small game licences represented 65.7 per cent of the total number of hunting licences sold in Ontario in 1981. The number of small game licences sold in 1981 was 381,262 representing a decrease of 3.7 per cent from the number sold in 1980; the number of deer licences sold to Ontario residents increased 8.6 per cent to 95,567 from 1980 to 1981 and the number of moose licences sold to Ontario residents decreased 7.3 per cent to 73,851 in the same period. The number of licences sold to non-residents dropped 19.9 per cent for moose and dropped 23.5 per cent for deer from 1980 to 1981. The total number of deer harvested in 1980 decreased 31.8 per cent to 9,260 from 1979; of the total 1980 deer harvest 98.8 per cent were shot by resident hunters; of the 1980 moose harvested, 91.7 per cent were shot by Ontario hunters.
- **Fur Production** – Of the total Ontario pelt value of $19.0 million in 1981, beaver pelts represented 32.9 per cent, and muskrat pelts 21.9 per cent of the total. The average beaver pelt value in 1981 was $34.36 and the average muskrat pelt was valued at $7.48.

  In Ontario in 1981, there were 301 licenced fur farms representing an increase of 11.1 per cent from 1980. In 1981, Wellington County had 13.6 per cent of the licenced Ontario fur farms followed by Niagara with 10.6 per cent, Perth County with 9.6 per cent, Simcoe with 8.0 per cent and Haldimand with 7.6 per cent. The total value of ranch-raised fox and mink pelts was $20.5 million in 1980.

Graph 17.A

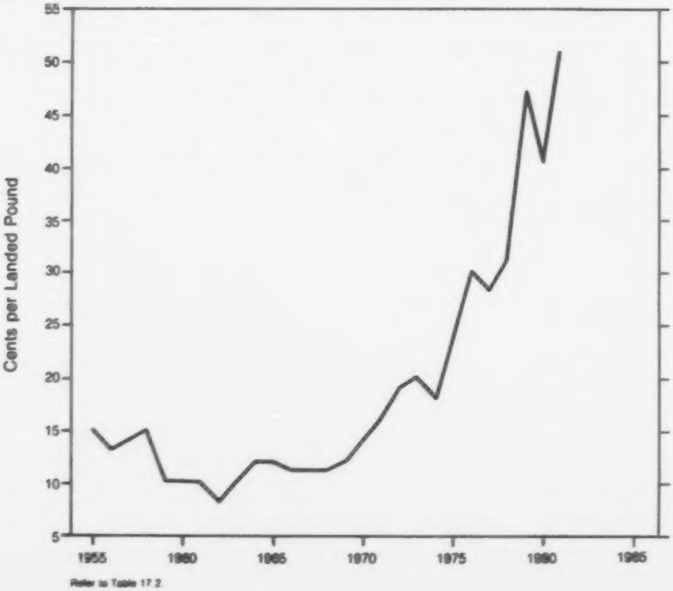
Commercial Fish Harvest, Ontario, 1955-1981



Refer to Table 17.2

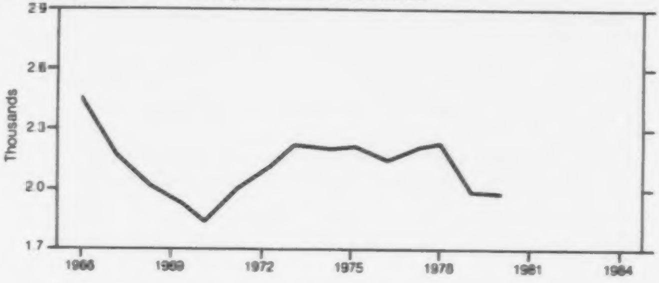
Graph 17.B

Unit Value of Commercial Fish Harvest, Ontario, 1955-1981



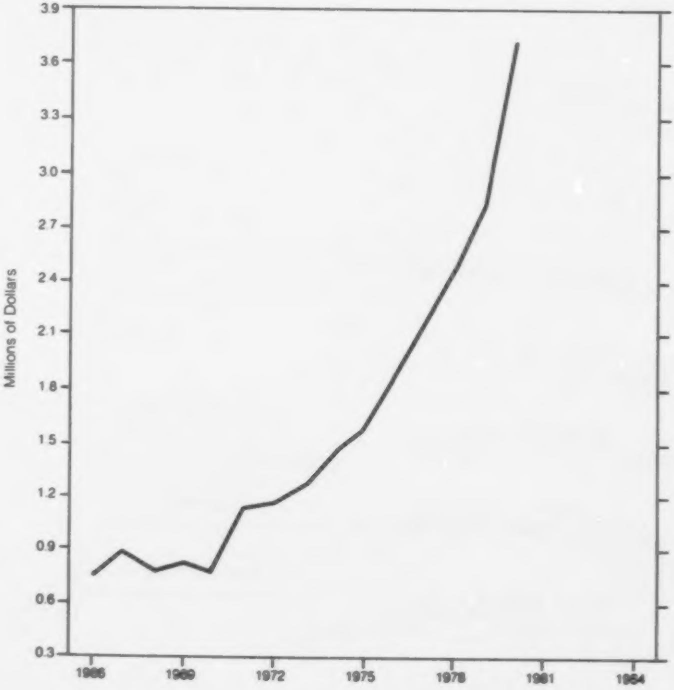
Refer to Table 17.2

Graph 17.C
Employment in Commercial Fishery, Ontario, 1966-1980



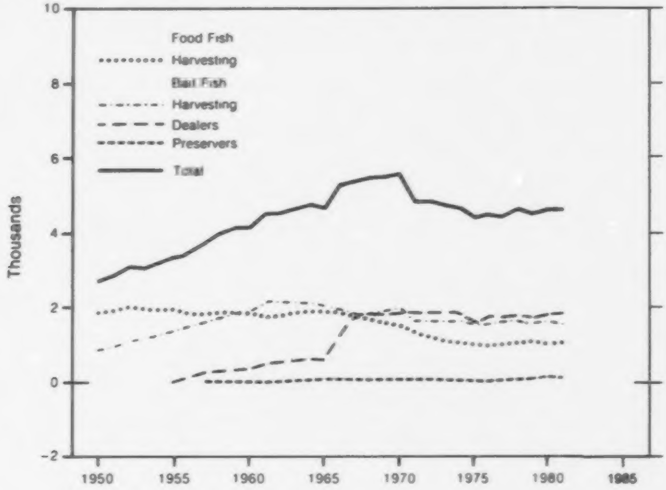
Refer to Table 17.6

Graph 17.D
New Investment in Commercial Fishery, Ontario, 1966-1980



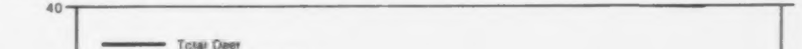
Refer to Table 17.6

Graph 17.E
Commercial Fishing Licences, Ontario, 1950-1981



Refer to Table 17.5

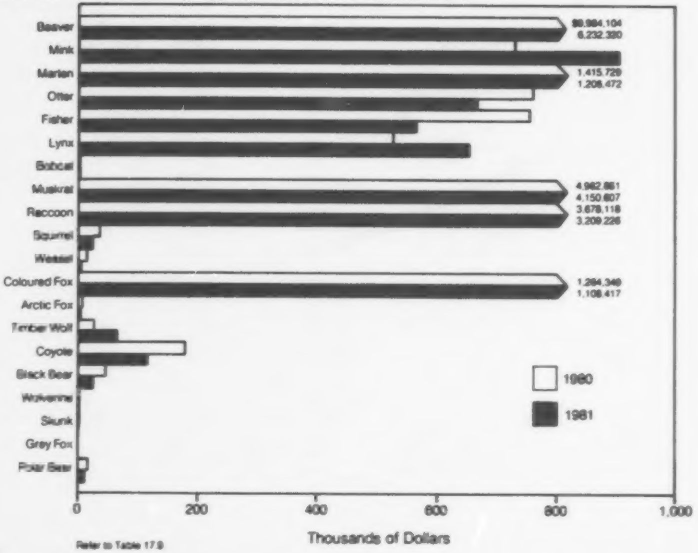
Graph 17.F
Hunting Harvest by Type, Ontario, 1970-1980



Refer to Table 17.8

Graph 17.G

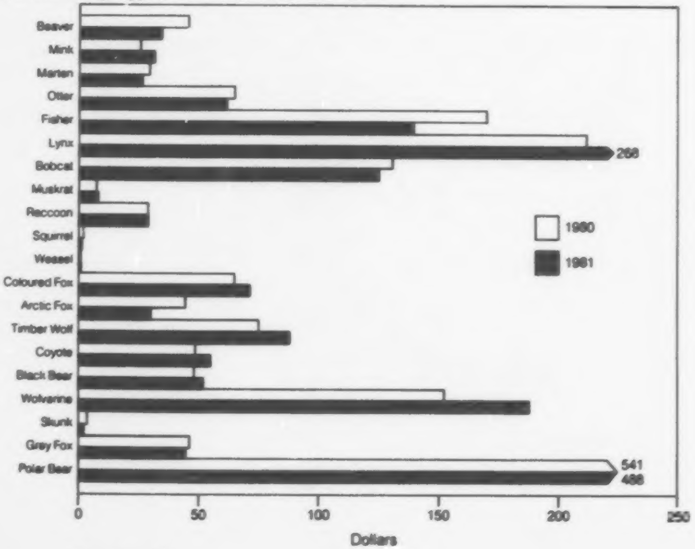
Total Value of Wild Fur Pelts by Type, Ontario, 1980 and 1981



Refer to Table 17.9

Graph 17.H

Average Pelt Value by Type, Ontario, 1980 and 1981



Refer to Table 17.8

Table 17.1

Number of Angling Licences Sold to Non-Residents, Ontario, 1966-1981

	Seasonal	Four Day	Organized Camp	Canadian Non-Resident	Total
1966	409,539	151,373	10,541	. .	571,453
1967	411,768	156,493	10,550	. .	578,811
1968	446,468	161,473	7,670	. .	615,611
1969	446,024	177,353	6,998	. .	603,375
1970	410,854	186,566	7,800	. .	605,320
1971	420,835	224,000	7,500	. .	652,335
1972	425,001	233,333	7,349	14,469	680,152
1973	464,765	211,600	6,122	19,108	701,595
1974	482,595	161,060	5,969	21,807	671,431
1975	467,776	165,527	5,810	22,637	661,750
1976	454,212	159,839	5,663	24,909	644,623
1977	465,522	164,744	5,612	24,961	660,839
1978	489,577	165,095	5,449	27,813	687,934
1979	480,704	158,815	5,011	29,375	673,925
1980	392,762	206,320	3,933	25,973	628,988
1981	419,025	224,167	3,218	26,924	673,334

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch

Table 17.2

Commercial Fish Harvest, Ontario, 1956-1981

	Landing	Value
	'000's lbs.	$'000's
1956	59,717.2	7,927.9
1957	51,113.1	7,047.0
1958	47,172.2	7,274.4
1959	48,992.3	4,866.4
1960	47,397.2	4,932.8
1961	54,953.6	5,745.8
1962	63,783.5	5,341.2
1963	54,342.4	5,503.9
1964	43,510.3	5,229.8
1965	52,489.2	6,403.7
1966	56,344.0	5,994.6
1967	52,904.5	5,927.2
1968	55,705.4	5,967.9
1969	63,202.6	7,377.8
1970	46,080.6	6,530.8
1971	42,791.2	6,951.3
1972	43,196.0	8,118.4
1973	53,052.9	10,376.0
1974	53,225.6	9,654.1
1975	45,363.1	11,052.5
1976	41,105.0	12,512.6
1977	51,872.7	14,554.6
1978	58,023.9′	17,161.1′
1979	55,324.0	25,973.5
1980	58,864.8	23,644.2
1981	61,886.5	31,766.9

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.3
Commercial Fish Harvest by Species, Ontario, 1969-1981

	1969	1970	1971	1972	1973	1974	1975
			'000's lbs.				
Bowfin	27	39	22	31	51	56	57
Bullhead	473	378	362	344	449	477	600
Burbot (Ling)	416	396	246	311	321	387	383
Carp	1,046	702	770	748	725	631	636
Catfish	220	104	156	156	180	187	265
Caviar[1]	...	...	...	...	...	...	...
Chub (Deepwater Cisco)	461			719	944	1,050	1,317
Coho	..	..	..	..	..	..	..
Eel	175	282	802	279	198	229	379
		151	173				
Freshwater Drum (Sheepshead)	451	310	103	292	543	396	406
Goldeye	..	1	1	..	..	1	2
Lake Herring (Cisco)	2,780	3,060	2,794	2,786	2,447	2,306	2,292
Lake Trout	282	199	188	165	209	229	233
Lake Whitefish	2,957	2,870	2,312	2,200	1,984	2,359	2,449
Northern Pike	871	752	558	525	647	725	606
Rock Bass and Crappie	166	193	199	130	137	129	187
Round Whitefish (Menominee)	57	37	52	67	56	66	91
Sauger	51	57	31	19	28	49	46
Smelt	15,226	9,572	13,551	11,051	17,557	16,902	17,333
Sturgeon	90	47	42	29	38	25	27
Splake	..	..	..	..	..	..	..
Sucker (Mullet)	1,274	1,079	797	975	1,085	1,170	1,333
Sunfish	413	280	299	290	360	372	478
White Bass	925	210	114	1,769	1,512	2,359	2,580
White Perch	252	452	641	292	299	293	387
Yellow Perch	30,506	21,320	15,277	16,836	19,075	13,411	9,449
Yellow Pickerel (Walleye)	2,050	1,406	1,154	1,019	1,391	1,430	1,377
Animal Food (Unclassified)	2,014	2,184	2,148	2,163	2,817	7,987	2,446
Total Landings	63,203	46,081	42,792	43,196	53,053	53,226	45,363
Total Landed Value ($'000's)	7,378	6,531	6,951	8,118	10,376	9,654	11,052

Table 17.3 (cont'd.)
Commercial Fish Harvest by Species, Ontario, 1969-1981

	1976	1977	1978'	1979	1980	1981	1981[2]
				'000's lbs.		$'000's	
Bowfin	39	41	37	31	20	43	4
Bullhead	584	625	494	525	535	514	215
Burbot (Ling)	293	462	384	286	239	399	8
Carp	646	480	251	399	268	458	71
Catfish	136	144	192	214	189	257	129
Caviar[1]	...	...	...	...	...	...	...
Chub (Deepwater Cisco)	1,612	1,338	1,240	1,106	992	886	660
Coho	..	..	6	48	36	84	74
Eel	348	420	514	502	373	246	260
Freshwater Drum (Sheepshead)	380	408	369	365	397	565	47
Goldeye	...	2	...	...	...	...	...
Lake Herring (Cisco)	1,449	1,917	2,065	2,200	3,254	3,200	1,228
Lake Trout	231	249	367	367	618	498	513
Lake Whitefish	2,552	3,211	3,762	2,864	3,737	3,842	3,086
Northern Pike	604	693	764	692	592	651	360
Rock Bass and Crappie	221	191	178	220	169	141	103
Round Whitefish (Menominee)	138	88	89	101	167	125	53
Sauger	28	21	29	35	37	44	29
Smelt	18,245	23,540	27,332	24,204	25,191	30,645	3,323
Sturgeon	35	38	30	32	48	45	126
Splake	..	..	27	20	87	125	141
Sucker (Mullet)	1,347	1,420	1,191	1,401	1,260	1,332	173
Sunfish	391	284	235	284	263	277	107
White Bass	1,131	1,008	1,680	1,695	2,009	1,969	1,330
White Perch	748	439	508	109	127	104	31
Yellow Perch	6,119	9,705	10,012	13,053	13,858	10,514	14,446
Yellow Pickerel (Walleye)	1,531	2,520	1,880	2,324	2,984	3,243	5,228
Animal Food (Unclassified)	2,297	2,595	2,388	2,247	1,415	1,699	22
Total Landings	41,105	51,873	56,024	55,324	58,865	61,886	...
Total Landed Value ($'000's)	12,513	14,555	17,161	...	...	...	31,767

[1] Caviar included with Sturgeon from 1967.
[2] This column shows the dollar value breakdown of Ontario's commercial fish harvest by species.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.4

Commercial Fish Harvest by Waters, Ontario, 1962-1981

	Lake Ontario	Lake Erie	Lake St. Clair[1]	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total	Total Value
						'000's lbs.					$'000's
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	560	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,226	9,654
1975	2,777	30,549	...	1,830	1,142	362	3,769	4,532	402	45,363	11,052
1976	2,914	25,711	...	2,217	1,082	585	3,891	4,310	395	41,105	12,513
1977	2,461	35,854	...	2,371	1,013	502	3,863	5,436	373	51,873	14,555
1978	2,471	40,160	...	2,620	774	385	4,075	5,227	312	56,024	17,161
1979	1,950	41,051	...	1,908	736	467	3,601	4,928	683	55,324	25,874
1980	1,981	43,310	82	2,408	802	351	4,780	4,631	520	58,865	23,644
1981	2,556	44,689	204	3,210	761	690	4,528	4,735	513	61,886	31,767

1) In the late spring of 1970, the commercial fish harvest in Lake St. Clair was closed because of mercury pollution.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.5

Commercial Fishing Licences, Ontario, 1950-1981

	Food-Fish		Bait-Fish						
	Harvesting		Harvesting[1]						
	Licences	Revenue from Sale of Licences	Licences	Revenue from Sale of Licences	Dealers[2]	Preservers[3]	Revenue from Sale of Licences	Total Licences	Total Revenue
		$		$			$		$
1950	1,856	. .	866	. .	. .	. .	. .	2,722	. .
1951	1,911	. .	983	. .	. .	. .	. .	2,894	. .
1952	2,010	. .	1,105	. .	. .	. .	. .	3,115	. .
1953	1,961	. .	1,137	. .	. .	. .	. .	3,098	. .
1954	1,952	. .	1,248	. .	. .	. .	. .	3,200	. .
1955	1,973	. .	1,374	. .	32	. .	320	3,379	. .
1956	1,825	. .	1,457	. .	188	. .	1,880	3,470	. .
1957	1,816	. .	1,612	. .	256	42	2,770	3,726	. .
1958	1,899	. .	1,756	. .	324	50	3,490	4,029	. .
1959	1,883	. .	1,841	. .	387	59	4,165	4,170	. .
1960	1,828	. .	1,853	. .	419	76	4,950	4,176	. .
1961	1,784	. .	2,181	. .	510	88	5,540	4,563	. .
1962	1,780	. .	2,133	. .	557	84	5,990	4,554	. .
1963	1,862	. .	2,125	. .	591	101	6,415	4,679	. .
1964	1,900	. .	2,114	. .	651	121	7,115	4,786	. .
1965	1,881	. .	2,028	. .	613	125	6,755	4,647	. .
1966	1,882	. .	1,977	. .	1,396	121	14,565	5,316	. .
1967	1,747	. .	1,807	. .	1,729	124	17,910	5,407	. .
1968	1,689	. .	1,859	. .	1,805	116	19,240	5,472	. .
1969	1,609	. .	1,908	. .	1,861	126	19,870	5,504	. .
1970	1,560	. .	1,993	. .	1,895	129	20,240	5,577	. .
1971	1,267	53,567	1,607	30,509	1,813	126	18,760	4,813	102,836
1972	1,204	51,133	1,612	31,672	1,876	120	19,360	4,812	102,165
1973	1,149	52,941	1,611	32,887	1,868	111	19,235	4,739	105,063
1974	1,116	50,995	1,623	33,687	1,832	110	18,870	4,681	103,552
1975	1,121	52,155	1,590	32,002	1,606	96	16,540	4,413	100,697
1976	1,086	53,302	1,595	33,254	1,753	107	18,065	4,541	104,621
1977	1,056	53,758	1,605	35,945	1,731	98	17,800	4,470	107,503
1978	1,048	56,064	1,679	39,476	1,832	99	18,815	4,656	114,355
1979	1,093	56,864	1,549	37,750	1,791	114	18,480	4,547	113,094
1980	1,039	60,821	1,728	42,434	1,858	124	19,200	4,749	122,455
1981	1,047	73,252	1,712	52,245	1,861	142	22,815	4,762	148,312

1) Licences to catch bait fish.
2) Licences to buy and sell bait fish.
3) Licences to allow the preserving of bait fish.

Source: Ministry of Natural Resources, Fisheries Branch.

Table 17.6

Employment and Investment in Commercial Fishery, Ontario, 1963-1980

	Men	Boats 40' and over	Boats under 40'	Gill Nets '000's yds.	Pound Nets	Trap Nets	Hoop Nets	Seine Nets '00's yds.	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Invest-ment	Total Value
												$'000's	
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	76	355	250	477	1,557	18,253
1976	2,171	207	895	10,855	71	460	1,523	82	327	257	461	1,806	21,651
1977	2,213	209	946	10,643	120	504	1,532	75	303	278	460	2,145	23,770
1978	2,231	206	1,017	12,189	141	473	2,459	79	329	262	447	2,446	27,056
1979	1,997	212	913	11,847	80	476	1,497	67	309	263	451	2,834	33,950
1980	1,964	213	837	12,068	172	556	1,630	83	317	250	457	3,714	41,481

Source: Ministry of Natural Resources. *Statistics*.
Ministry of Natural Resources, Fisheries Branch.

Table 17.7

Number of Hunting Licences Sold by Type, Ontario, 1953-1981

	Deer		Moose		Bear		Small Game		Total		
	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Resident	Non-Resident	Total
1953	92,785	8,300	5,196	637	..	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	..	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	..	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	..	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	..	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	..	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	..	4,069	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	..	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	..	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	42,354'	9,127'	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	14,585[1]	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944	581,081
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418	594,308
1976	86,641'	5,017	83,618	7,897	1,869	9,325	384,021	9,046	556,149'	31,285	587,434'
1977	95,114	4,501	74,834	6,392	1,872	8,977	389,014	9,225	560,834	29,095	589,929
1978'	97,473	4,453	87,751	7,186	2,472	10,477	399,943	9,651	587,639	31,767	619,406
1979	85,911	1,762	77,937	7,378	2,666	11,247	363,077	11,527	529,591	31,914	561,505
1980	87,985	823	79,688	4,011	9,064	11,682	383,091	12,783	559,828	29,299	589,127
1981	95,567	630	73,851	3,214	12,736	13,341	368,770	12,492	550,924	29,677	580,601

[1] Includes spring and fall hunting.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Financial Management Branch.

Table 17.8
Hunting Harvest by Type, Ontario, 1969-1980

	Moose Harvest			Deer Harvest			Bear Harvest[1]		
	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest	By Resident Hunters	By Non-Resident Hunters	Total Harvest
1969	8,520	3,830	12,350	16,640	1,470	18,110	. .	. .	. .
1970	9,400	3,070	12,470	15,430	880	16,310	. .	. .	. .
1971	9,060	3,720	12,780	17,980	1,450	19,430	. .	. .	. .
1972	10,320	3,470	13,790	16,070	1,630[2]	17,700[2]	6,330	2,620	8,950
1973	9,770	3,800	13,570	15,140	1,530[2]	16,670[2]	3,680	2,120	5,800
1974	10,510	3,090	13,600	12,530	1,050[2]	13,580[2]	. .	. .	. .
1975	9,770	1,490	11,260	11,740	830[2]	12,570[2]	1,870	1,760	3,630
1976	9,420	1,450	10,870	14,180	930[2]	15,110	1,981	1,836ᵖ	3,817ᵖ
1977	7,730	1,290	9,020	13,510	810[2]	14,320	. .	. .	. .
1978	10,630	1,320	11,950	13,500	480[2]	13,980	. .	. .	. .
1979	10,110	1,590	11,700	13,200	370	13,570	. .	. .	. .
1980	7,670	690	8,360	9,150	110	9,260	. .	. .	. .

1) Includes bear harvested on moose-bear, deer-bear and moose licences.
2) Includes deer harvested on moose licences.

Source: Ministry of Natural Resources, *Statistics*.
Ministry of Natural Resources, Wildlife Branch.

Table 17.9
Wild Fur Harvest and Value, Ontario, 1981[1]

	Average Pelt Value	Number Trapped	Value
	$		$
Beaver	34.36	181,383	6,232,319.88
Mink	30.20	29,944	904,308.80
Marten	26.63	45,305	1,206,472.15
Otter	60.87	10,952	666,648.24
Fisher	141.55	4,013	568,040.15
Lynx	267.71	2,361	632,063.31
Bobcat	126.37	21	2,653.77
Muskrat	7.48	554,894	4,150,607.12
Raccoon	29.67	108,164	3,209,225.88
Squirrel	1.35	15,836	21,378.60
Weasel	.84	7,187	6,037.08
Coloured Fox	71.29	15,548	1,108,416.92
Arctic Fox	29.79	163	4,855.77
Timber Wolf	89.33	748	66,818.84
Coyote	54.47	2,646	144,127.62
Bear	52.31	482	25,213.42
Wolverine	185.36	9	1,668.24
Skunk	3.05	438	1,335.90
Grey Fox	45.17	6	271.02
Polar Bear	488.33	27	13,184.91
	. . .	980,127	18,965,647.62

1) July 1, 1980 to June 30, 1981 — Total Royalties Collected = 1,115,411.70

Source: Ministry of Natural Resources, Wildlife Branch.

Table 17.10

Production of Ranch-Raised Fox and Mink Pelts, Ontario 1964-1980

		Mink		Fox	
	Fur Farms	Pelts Produced	Value	Pelts Produced	Value
			$		$
1964	498	407,085	5,991,945	435	18,867
1965	493	479,760	7,948,552	407	21,656
1966	491	566,262	6,839,569	539	20,132
1967	477	631,386	7,099,763	690	23,653
1968	417	568,089	7,673,593	674	24,493
1969	385	585,436	6,067,073	600	20,202
1970	352	534,867	5,105,431	547	17,061
1971	290	438,650	5,557,695	583	22,801
1972	253	414,139	6,763,163	642	42,757
1973	235	431,572	7,738,256	679	66,806
1974	212	473,321	7,516,337	950	99,626
1975	183	418,287	9,206,496	931	190,855
1976	184	414,058	11,697,138	1,122	261,953
1977	187	420,743	12,222,584	1,269	380,700
1978	200	453,441	20,033,023	1,281	657,153
1979	225	466,300	22,545,605	1,323	478,397
1980	271	508,541	19,929,722	2,225	609,650
1981	301	577,679	. .	2,203	. .

Source: Ministry of Agriculture and Food, Veterinary Services Branch.

Table 17.11

Licenced Fur Farms, by County, Ontario, 1967-1981

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Ontario	477	417	385	352	290	253	235	212	182	184	187	200	226	271	301
Algoma	3	2	-	-	-	-	-	-	-	-	-	-	-	1	-
Brant	8	8	8	8	7	6	5	4	3	3	3	3	2	2	2
Bruce	25	21	19	17	13	11	8	7	5	5	5	6	7	8	9
Cochrane	1	1		1	-	-	-	-	-	-	-	2	2	2	3
Dufferin	6	4	5	5	3	2	2	2	1	1	1	1	2	2	4
Dundas	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Durham	15	15	13	14	12	11	10	12	8	8	11	12	12	14	14
Elgin	4	4	4	4	2	1	1	1	1	1	1	2	1	1	2
Essex	11	12	12	11	11	9	9	7	7	6	8	6	6	6	6
Frontenac	2	2	2	2	2	2	2	2	2	2	2	3	2	3	5
Glengarry	-	1	1	1	-	-	-	-	-	-	-	-	1	5	4
Grenville	1	1	-	-	1	1	-	-	-	-	-	-	-	-	-
Grey	19	18	19	17	11	10	9	8	6	5	5	6	10	11	12
Haldimand	13	10	11	10	8	9	10	9	10	10	11	11	17	22	23
Haliburton	1	-	-	-	1	-	-	-	-	1	1	1	2	2	1
Halton	24	18	17	14	9	7	6	5	3	3	3	3	3	2	2
Hastings	-	1	2	2	1	1	-	-	-	-	-	-	2	3	5
Huron	11	9	7	7	8	8	8	6	4	4	4	3	6	9	8
Kenora	2	1	1	1	1	1	-	-	-	-	-	1	1	1	1
Kent	10	8	8	8	6	6	5	5	4	5	5	5	5	6	5
Lambton	2	1	2	3	1	-	-	-	-	-	-	-	1	3	3
Lanark	3	3	4	2	1	1	1	1	1	1	1	1	1	1	1
Leeds	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
Lennox-Addington	-	-	-	1	1	1	-	-	-	-	-	-	-	-	1
Manitoulin	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1
Middlesex	21	16	13	10	7	7	7	4	2	3	3	3	3	3	5
Muskoka	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Niagara[1]	39	37	34	32	28	24	23	20	18	20	17	17	25	30	32
Nipissing	3	3	2	3	2	2	2	2	2	2	2	2	2	2	4

Table 17.11 (cont'd.)

Licenced Fur Farms, by County, Ontario, 1967-1981

	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Norfolk	10	10	11	11	10	9	8	7	7	7	11	15	11	14	16
Northumberland	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-
Ontario	18	16	15	12	11	9	8	6	5	5	2	1	2	1	2
Ottawa-Carleton	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-
Oxford	13	11	10	11	9	7	7	6	6	5	6	6	6	7	7
Parry Sound	7	5	4	2	2	1	1	-	-	-	-	-	-	1	2
Patricia	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1
Peel	9	4	4	2	2	2	1	1	1	1	1	1	1	2	2
Perth	42	37	35	33	31	26	28	27	24	23	22	23	25	31	29
Peterborough	2	2	3	3	-	-	-	-	-	-	-	-	2	1	1
Prescott	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rainy River	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Russell	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
Simcoe	23	22	19	17	16	14	14	12	11	11	11	12	13	18	24
Stormont	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2
Sudbury	2	2	1	-	1	-	-	-	-	-	-	-	1	1	1
Thunder Bay	8	7	5	4	2	2	2	2	-	-	-	4	-	-	-
Timiskaming	-	-	-	-	-	-	-	-	-	-	1	1	1	1	4
Toronto²	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Victoria	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2
Waterloo	21	17	15	12	10	10	8	7	6	7	7	8	8	8	6
Wellington	48	47	46	45	38	36	34	33	32	33	32	32	34	37	41
Wentworth	14	11	8	9	9	7	6	5	4	3	4	3	3	3	2
York	22	19	12	8	7	4	4	5	3	3	1	-	-	-	1

Niagara includes Lincoln and Welland.

2) Toronto included in York.

Source: Ministry of Agriculture and Food, Veterinary Services Branch

Forestry and Mining

Highlights

- **Forestry** – Ontario's primary forest production of 14.0 million cubic metres represented 15.6 per cent of the national total of 89.9 million cubic metres in 1961; however, by 1980, Ontario's share of the national total had diminished to 13.6 per cent or 21.3 million cubic metres.

  Ontario employed 20,912 or 24.9 per cent of all people in the pulp and paper mill industry in Canada in 1975. In 1980, data indicated that this proportion had risen to 25.8 per cent. In 1979 Ontario had 243 sawmill and planing mill establishments, accounting for 18.6 per cent of all such establishments in the country; and employed 10.4 per cent of the workforce employed by this industry throughout Canada. In 1980 there were 235 sawmills and planing mills in Ontario representing 17.8 per cent of such mills in Canada. The Ontario mills employed 7,079 workers or 10.7 per cent of the Canadian total.

  Paper production in Ontario rose by 55.8 per cent to 3.9 million tons from 1961 to 1980. In 1980 newsprint accounted for 49.2 per cent of the total Ontario production of paper, followed by printing and writing paper with 22.9 per cent, paper board with 21.6 per cent, and wrapping paper with 1.0 per cent.

  In 1979, 752.0 million cubic feet of merchantable timber were utilized in Ontario, an increase of 5.5 per cent from the previous year. In 1980 utilization rose to 753.0 million cubic feet, an increase of 0.1 per cent from the 1979 total.

  Of the 9,147 forest fires in Canada in 1980, 1,779 or 19.4 per cent were in Ontario. The Ontario forest fires burned 560,325 hectares or 11.6 per cent of the Canadian total.

- **Mining** – From 1971 to 1981 the value of mineral production rose 175.0 per cent to $4.3 billion. Nickel and copper recorded the highest output values of all minerals mined in 1981 in Ontario. Nickel had a 1980 value of $1,154.9 million, and copper had a 1980 value of $631.2 million. Data for 1981 showed values of $1,159.7 million and $504.7 million respectively.

  1981 preliminary data showed the production value of metallics was the highest of any mineral in Ontario, accounting for $3.5 billion or 80.8 per cent of the total value of $4.3 billion.

  The value of non-metallic minerals in Ontario has increased from $118.5 million in 1980 to $129.1 million in 1981. Ontario's percentage of the Canadian total fell from 4.7 per cent in 1980 to 4.6 per cent in 1981.

  The total value of structural materials produced in Canada in 1981 was $1.8 billion of which Ontario accounted for 35.9 per cent. Within Ontario in 1981, cement had the highest value, $200.1 million, representing 31.0 per cent of the total value; the value of sand and gravel was next at 23.3 per cent of the total.

Definitions

Forest Land – The 1973 National Forest Inventory reported an area of 1,259,192 sq. miles of forest land. Of this, 59,742 sq. miles are reserved by legislation for primary uses other than timber production.

On the basis of present inventories, it is estimated that the balance is comprised of 607,081 square miles of primary forest land, 76,637 square miles of secondary forest land and 515,732 square miles of tertiary forest land. Primary forest land is normally located within 50 miles of a designated or existing major wood conversion centre. Secondary forest land is located beyond 50 miles but less than 75 miles and tertiary forest land is more than 75 miles, from a wood-using centre.

Total Wood Volume – Is calculated from inventories taken in productive forest land. Three access categories are used in describing this resource; these are economically accessible, economically inaccessible and reserved. (see below).

Allowable Cut – The volume of wood that may be harvested under management for a given period.

Productive Forest Land – Stocked land that is capable of producing a merchantable stand within a reasonable length of time.

Economically Accessible – Forest management units from which the annual allowable cut can be profitably harvested (at the time of the survey).

Economically Inaccessible – Forest management units from which the annual allowable cut cannot be profitably harvested (at the time of the survey).

Reserved Land – Forest land that, by law, is not available for the growing and harvesting of forest crops (this includes such areas as parks, wilderness areas, fragile areas and restricted zones).

The Logging Industry – The Logging Industry includes establishments primarily engaged in felling and bucking, bunching, yarding, forwarding, decking and loading of roundwood and establishments primarily engaged in the recovery of lost logs including sinkers. Establishments primarily engaged in transporting wood with specialized logging trucks and in driving, booming, sorting, rafting and towing of wood - if not licensed as public carriers - are included also, as are barking mills engaged in producing barked or rossed pulpwood.

Establishment – Smallest operating unit of reporting certain specified input and output data. The number of establishments represents the number of operating units that are principally engaged in logging activities. These units do not represent the total number engaged in logging operations. Numerous logging operations are conducted by establishments classified to other industries, (e.g. the planing and sawmill industry) and by farmers and other individuals.

Employees – Production and related workers – Logging Activity – In addition to those engaged in production, they include employees engaged in maintenance, repair, janitorial, cooking and watchman services and working foremen engaged in similar work to that of the employees they supervise. Beginning with 1976, the average number of production and related workers engaged in logging is calculated by dividing the reported number of man-hours paid during the year by 1920 in British Columbia and 2000 in the other provinces. It should be noted that the division of hours paid into production and related workers' payrolls results in average hourly earnings and does not represent hourly wage rates which are collected and published by the Department of Labour and which are based on selected occupations.

Materials and Supplies - Logging activity – Figures represent quantities and laid down cost values, at the establishment level, of materials and supplies purchased during the year for use in logging activities and related processes. This includes purchases of food, van supplies, etc. as well as payments for stumpage and royalties. These statistics represent only commodity items or physical goods (cost of services or overhead charges such as advertising, insurance, depreciation, etc., are not included) whether purchased from others or received as transfers from other establishments of the reporting company. Included are maintenance and repair supplies not chargeable to fixed assets accounts and any amounts paid to others for logging work done on a contract basis. Cost of repairs or maintenance done by outside contractors is not included.

Value of Shipments – These figures represent deliveries of wood produced either by the reporting establishment or by contractors on the basis of a charge to the reporting establishment for work done as well as wood purchased from various sources. Included are revenue from repair work and amounts received in payment for work done on materials owned by other establishments.

All products shipped from the establishment are covered, including transfer shipments to other logging establishments or to log supply divisions, sawmills, shingle mills, veneer and plywood mills, pulp and paper mills, etc., of the reporting firm, when such units are treated as separate establishments. The value of shipments are net of allowances, sales tax, excise taxes and duties, and charges for outward transportation by common or contract carriers. Transportation or delivery expenses incurred by the reporting establishment's own carriers are included.

Value Added -

(a) By logging activities

Figures are compiled by deducting the cost of the purchases of logging materials, supplies, etc. and fuel and electricity from the value of shipments (adjusted for changes in the value of inventories).

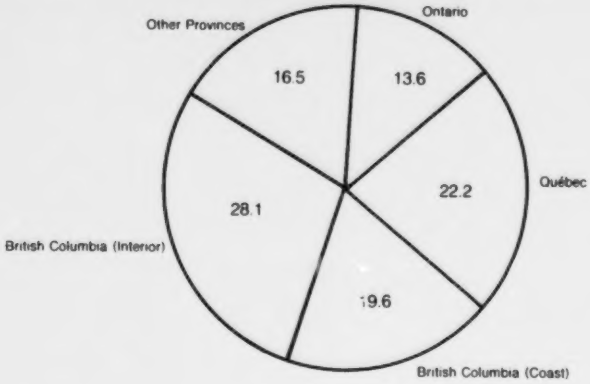
(b) By total activities

Consists of: (1) value added, logging activity and (2) value added, non-logging activity. The latter is calculated by subtracting relevant commodity inputs from non-logging revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-logging revenues include depreciable fixed assets produced by own work force for own use, revenue from sale of purchased wood residue (wood chips, etc.) but exclude non-operating revenue such as real property rentals, dividends, interest.

Logs and Bolts – The category Logs and Bolts includes considerable quantities of logs which will be used as pulpwood and, as a consequence, the category pulpwood appears to be smaller than it ought to be. This is due to the fact that many integrated operations in reporting production and deliveries do not distinguish between sawlogs, veneer logs and pulpwood. While this is most prevalent in British Columbia, a similar practice is developing in some of the other provinces.

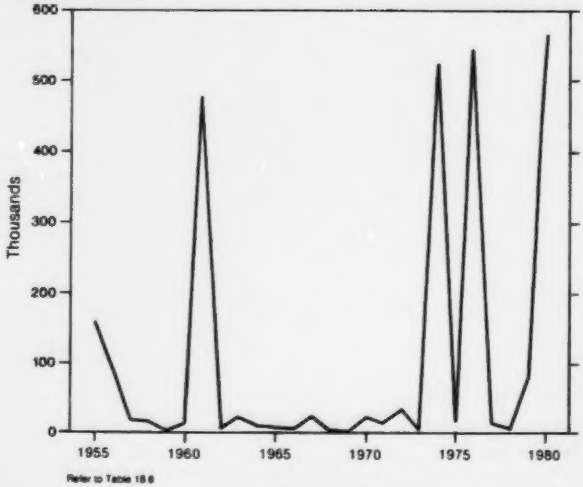
Cunit – One hundred cubic feet of solid wood excluding bark.

Graph 18.A
Estimates of Primary Forest Production, Canada, Ontario, Québec and British Columbia, 1980



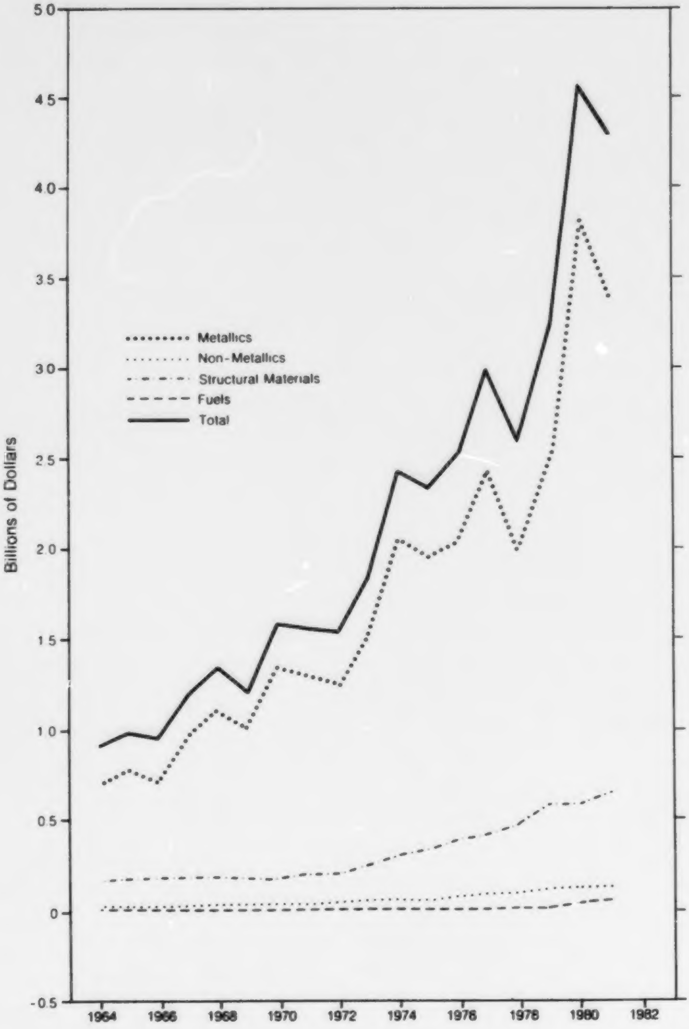
Refer to Table 18.1

Graph 18.B
Forest Fires, Hectares Burned, Ontario, 1955-1980



Refer to Table 18.6

Graph 18.C
Value of Mineral Production, Ontario, 1964-1981



Refer to Table 18.10

Table 18.1

Estimates of Primary Forest Production, Canada, Ontario, Québec, and British Columbia 1950-1980

				British Columbia[1]	
	Canada	Ontario	Québec	Coast	Interior
			'000's of cubic metres		
1950	85,625	14,622	27,708	23,577	
1951	97,321	17,003	32,331	24,417	
1952	90,776	15,982	28,176	25,773	
1953	87,171	14,278	26,662	27,339	
1954	88,424	14,082	28,439	28,209	
1955	92,892	15,350	27,870	30,607	
1956	98,081	15,501	30,417	31,433	
1957	89,836	16,001	25,642	29,525	
1958	80,844	13,694	23,132	28,287	
1959	90,238	15,053	24,841	33,247	
1960	93,267	15,330	24,919	33,980	
1961	89,925	13,991	25,887	33,051	
1962	92,830	14,710	24,810	38,032	
1963	99,772	15,153	25,872	23,069	18,658
1964	102,716	16,136	26,425	23,462	19,431
1965	103,670	16,061	26,499	24,308	19,110
1966	109,004	17,018	28,151	25,765	19,616
1967	107,572	17,193	28,310	25,489	19,047
1968	112,505	16,736	27,908	27,890	20,323
1969	121,884	17,605	30,021	28,162	25,365
1970	121,433	16,803	28,902	28,836	25,896
1971	119,714	15,841	26,584	28,402	28,155
1972	124,130	17,361	27,827	24,705	31,746
1973	143,806	18,446	29,350	32,726	37,411
1974	137,929	18,868	32,712	27,876	32,210
1975	115,263	14,215	28,407	21,366	28,711
1976	140,274	17,879	29,062	32,197	37,332
1977	145,262′	19,270′	31,063	28,557	41,413
1978	155,895′	20,187′	34,079	32,329	42,835
1979	161,757	21,294	35,736	30,565	45,630
1980	156,617	21,322	31,687	30,712	43,942

[1] Figures from British Columbia Forest Service beginning with 1960

Source SC. *Canadian Forestry Statistics*

Table 18.2
Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1973-1980

	1973		1974		1975		1976	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	146	37	147	37	147	37	147	37
Manufacturing Activity								
Production and related workers								
Number	61,783	17,326	66,584	18,087	64,329	16,417	66,946	17,302
Manhours paid ('000's)	131,688	36,562	142,883	37,848	117,176	26,570	139,464	37,757
Wages ($'000's)	645,084	174,969	802,836	203,864	754,892	164,662	1,033,475	237,708
Cost of fuel and electricity ($'000's)	270,637	67,593	409,152	84,395	398,692	82,775	546,273	131,311
Cost of materials and supplies ($'000's)	1,700,933	406,916	2,306,718	556,363	2,191,527	440,049	2,732,640	579,398
Value of shipments of goods of own manufacture ($'000's)	3,790,939	932,061	5,700,192	1,347,587	5,122,093	1,031,210	5,992,723	1,236,886
Value added ($'000's)	1,803,889	450,338	3,033,697	717,581	2,569,050	503,784	2,845,278	540,709
Total Activity								
Total Employees								
Number	80,085	21,271	86,203	21,909	84,046	20,912	86,995'	21,693
Salaries and wages ($'000's)	884,242	227,160	1,097,108	265,286	1,091,675	233,645	1,415,843	315,867
Value added ($'000's)	1,812,569	451,839	3,048,775	721,076	2,601,472	517,889	2,876,446	548,492

Table 18.2 (cont'd.)

Principal Manufacturing Statistics for Pulp and Paper Mills, Canada and Ontario, 1973-1980

	1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	145	37	144	37	146	37	144	36
Manufacturing Activity								
Production and related workers								
Number	64,930	17,329	66,039	17,797	66,878	17,881	66,252	18,328
Manhours paid ('000's)	135,108	35,774	138,834	36,790	139,305	37,413	137,699	37,410
Wages ($'000's)	1,130,432	295,510	1,253,127	320,308	1,354,854	348,539	1,485,669	382,238
Cost of fuel and electricity ($'000's)	667,543	181,396	798,068	210,538	919,459	231,900	1,036,754	254,886
Cost of materials and supplies ($'000's)	2,910,869	740,843	3,255,085	828,876	3,847,566	1,029,954	4,604,556	1,159,781
Value of shipments of goods of own manufacture ($'000's)	6,636,533	1,603,037	7,648,960	1,780,255	9,282,403	2,233,098	10,907,555	2,614,443
Value added ($'000's)	3,056,481	681,778	3,503,545	742,298	4,539,127	977,118	5,349,680	1,207,296
Total Activity								
Total Employees								
Number	84,533	21,604	85,601	22,177	87,055	22,539	86,872	22,410
Salaries and wages ($'000's)	1,541,355	383,016	1,696,769	419,289	1,847,179	461,813	2,049,743	488,663
Value added ($'000's)	3,069,757	688,718	3,507,541	744,923	4,530,521	981,529	5,355,033	1,215,084

Source SC. *Canadian Forestry Statistics*

Table 18.3

Principal Manufacturing Statistics for Sawmills and Planing Mills (excluding Shingle Mills), Canada and Ontario, 1977-1980

	1977		1978		1979		1980	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
Establishments	1,132	215	1,226	225	1,308	243	1,317	235
Manufacturing Activity								
Production and related workers								
Number	51,532	5,156	56,101	5,752	57,441	5,956	55,903	6,009
Manhours paid ('000's)	107,850	11,071	117,730	12,259	122,007	12,877	118,761	12,861
Wages ($'000's)	774,805	61,285	906,274	74,847	1,041,739	85,950	1,132,235	97,454
Cost of fuel and electricity ($'000's)	87,687	9,416	106,643	11,727	124,168	13,550	140,636	14,875
Cost of materials and supplies ($'000's)	1,925,124	146,030	2,425,968	187,757	3,252,426	260,613	3,121,921	290,029
Value of shipments of goods of own manufacture ($'000's)	3,672,730	290,277	4,693,644	396,084	5,676,034	495,612	5,278,020	480,955
Value added ($'000's)	1,718,629	136,493	2,256,605	197,297	2,609,602	241,979	2,084,529	199,429
Total Activity								
Working owners and partners								
Number	430	91	498	109	553	118	553	112
Withdrawals ('000's)	...	...	...	...	...	...	...	...
Employees								
Number	60,445	6,221	66,457	6,888	68,328	7,105	66,278	7,079
Salaries and wages ($'000's)	930,247	78,341	1,098,329	95,015	1,268,429	107,704	1,378,584	118,193
Value added ($'000's)	1,722,880	136,414	2,259,951	197,672	2,616,957	242,820	2,088,535	200,209

Source: SC, *Canadian Forestry Statistics*

Table 18.4

Shipments of Roundwood by the "Logging Industry", Canada and Ontario, 1975-1980

Product	1975		1976		1977	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	$'000's	cunits	$'000's	cunits	$'000's
Canada	34,784,474	1,914,618	41,621,816	2,557,529	41,881,377	2,768,730
Logs and bolts	21,127,071	1,124,917	28,133,595	1,699,311	29,056,654	1,875,279
Pulpwood	13,508,219	775,312	13,488,221	858,218	12,737,096	882,674
Poles and piling	98,054	11,261	-[1]	-[1]	87,627	10,777
Other roundwood	51,130	3,128	-[1]	-[1]	-[1]	-[1]
Ontario	4,090,399	243,339	4,584,776	306,995	5,227,321	373,391
Logs and bolts	1,067,429	56,584	1,075,044	64,343	1,501,071	93,925
Pulpwood	2,987,667	184,295	3,509,732	242,652	3,726,250	279,466
Poles and piling	-	-	-[1]	-[1]	-[1]	-[1]
Other roundwood	35,303	2,460	-[1]	-[1]	-[1]	-[1]

Table 18.4 (cont'd.)

Product	1978		1979		1980	
	Quantity	Value	Quantity	Value	Quantity	Value
	cunits	$'000's	cunits	$'000's	cunits	$'000's
Canada	44,032,205	3,207,319	44,754,687	3,973,976	38,043,434	3,328,946
Logs and bolts	30,462,508	2,228,398	30,411,791	2,870,333	24,757,861	2,229,102
Pulpwood	13,470,055	964,786	14,154,951	1,077,305	13,097,806	1,075,169
Poles and piling	98,116	14,033	187,945	26,338	187,767	24,675
Other roundwood	1,526	102	-[1]	-[1]	-[1]	-[1]
Ontario	5,606,823	428,042	5,737,896	483,055	5,912,792	526,775
Logs and bolts	1,682,049	117,557	1,720,689	133,991	1,852,273	154,577
Pulpwood	3,923,248	310,383	4,017,207	349,064	4,060,519	372,198
Poles and piling	–	–	-	-	-[1]	-[1]
Other roundwood	1,526	102	-[1]	-[1]	-[1]	-[1]

[1] Included with logs and bolts.

Source: SC, *Canadian Forestry Statistics*.

Table 18.5

Volume of Paper Production by Kind, Ontario, 1950-1980

	Newsprint	Paper Board	Printing and Writing Paper	Wrapping Paper	Tissue Paper[1]	Other Paper	Total Paper Production
				'000's tons			
1950	1,240.1	417.4	137.6	62.7	27.5	18.4	1,903.7
1951	1,285.9	442.5	169.0	66.7	36.6	18.5	2,019.2
1952	1,296.8	408.0	153.2	56.5	31.5	17.4	1,963.4
1953	1,297.7	434.7	170.0	61.9	37.2	17.3	2,018.8
1954	1,345.7	420.7	177.0	68.7	39.3	15.6	2,067.0
1955	1,427.0	474.7	193.1	74.4	40.9	15.0	2,225.1
1956	1,471.8	507.6	224.4	74.4	45.5	13.8	2,337.5
1957	1,487.4	491.4	226.1	68.4	49.5	14.7	2,337.5
1958	1,465.3	515.8	233.9	71.4	53.0	15.8	2,355.2
1959	1,495.0	532.0	262.0	74.0	54.0	14.0	2,431.0
1960	1,608.0	538.0	266.0	74.0	51.0	13.0	2,550.0
1961	1,598.0	483.0	275.0	70.0	53.0	12.0	2,491.0
1962	1,602.3	524.2	292.4	72.5	50.8	15.5	2,557.8
1963	1,566.7	536.2	314.9	78.8	52.6	13.9	2,563.1
1964	1,714.2	579.2	323.0	83.7	52.6	15.8	2,768.4
1965	1,743.4	581.2	344.7	85.7	51.2	12.8	2,819.1
1966	1,848.9	541.8	430.9	86.7	53.2	18.7	2,980.2
1967	1,815.8	548.9	424.4	84.9	...	72.5	2,946.5
1968	1,759.8	555.6	447.7	92.2	...	97.9	2,953.1
1969	1,923.8	574.1	469.4	95.1	...	119.2	2,181.7
1970	1,856.6	593.2	532.6	75.6	...	120.0	3,178.0
1971	1,773.6	638.0	513.6	77.4	...	116.4	3,119.0
1972	1,790.5	687.8	561.7	68.2	...	127.1	3,235.3
1973	1,950.2	801.0	573.1	92.1	...	145.7	3,562.6
1974	1,960.1	829.0	698.3	100.8	...	163.8	3,752.0
1975	1,256.9	462.4	408.0	57.5	...	129.3	2,314.1
1976	1,554.9	601.0	460.3	61.1	...	179.9	2,857.2
1977	1,775.0	690.0	708.9	75.0	...	153.3	3,402.2
1978	1,833.0	765.0	821.0	82.0	...	156.0	3,657.0
1979	1,921.3	822.8	923.6	74.9	...	174.1	3,916.7
1980	1,911.2	838.4	889.8	67.4	...	175.4	3,882.2

[1] Incorporated in "Other Paper" category after 1966.

Source: SC, *The Pulp and Paper Industry*.

Table 18.6

Depletion of Forest Resources, Ontario, 1974-1980

	1974	1975	1976	1977	1978	1979	1980
	'000's of cubic feet of merchantable timber						
Utilization							
Logs and bolts[1]	212,500	186,000	260,000	279,500	291,500	322,500	320,000
Pulpwood	420,000	280,000	332,000	364,000	374,500	380,300	381,500
Other roundwood	5,300	5,000	6,800	5,500	4,900	4,700	4,000
Industrial wood - Total	637,800	471,000	598,800	649,000	670,900	707,500	705,500
Non-industrial wood[2]	28,500	31,000	32,500	31,500	42,000	44,500	47,500
Total	666,300	502,000	631,300	680,500	712,900	752,000	753,000
Fire losses	..	..	..	..	..	..	..
Depletion							
Volume[3]	666,300	502,000	631,300	680,500	712,900	752,000	753,000

[1] Includes some pulpwood.
[2] Includes fuelwood and wood for charcoal.
[3] The figures for depletion do not include wastage caused by agencies other than fire such as insects, diseases and natural mortality, for which no reliable estimates are available.

Source: SC, *Canadian Forestry Statistics*.

Table 18.7

Forest Fires by Cause, Ontario, 1962-1980

	Recreation	Resident	Forest Industry	Rail-roads	Other Industries	Incen-diary	Light-ning	Miscellaneous	
								Known	Unknown
1962	674	113	26	76	9	40	295	279	9
1963	811	313	11	93	66	36	319	216	20
1964	601	244	19	75	56	36	591	198	9
1965	404	204	20	118	54	15	202	191	10
1966	719	224	15	117	73	18	538	205	12
1967	567	203	10	176	38	23	198	236	14
1968	356	262	18	141	44	32	79	270	17
1969	256	128	7	78	21	9	202	191	9
1970	363	150	3	125	20	21	403	140	14
1971	702	192	24	152	49	27	339	282	23
1972	346	206	13	175	35	29	528	252	20
1973	357	164	13	149	30	25	173	165	35
1974	412	223	17	158	22	19	546	177	51
1975	966	281	38	288	54	43	1,043	353	80
1976	816	251	33	359	32	55	2,086	281	72
1977	530	280	18	257	32	55	527'	310	40
1978	359	91	19	147	21	35	165	87	16
1979	407	90	21	169	28	24	696	101	28
1980	239	232	26	233	15	34	793	160	47

Source: Petawawa National Forestry Institute, Canadian Forestry Service.

Table 18.8
Forest Fires, Canada and Ontario 1950-1980

	Canada		Ontario	
	Number of Fires	Area Burned	Number of Fires	Area Burned
		Hectares		Hectares
1950	5,436	1,201,863	985	14,885
1951	4,658	626,465	904	40,973
1952	4,946	462,978	1,095	5,027
1953	6,551	1,452,007	1,520	23,800
1954	3,064	564,914	881	22,134
1955	6,348	651,395	2,252	160,432
1956	4,639	853,450	1,017	91,548
1957	5,728	365,574	1,671	18,860
1958	6,814	1,995,671	1,558	14,833
1959	4,874	279,591	1,029	2,137
1960	7,346	644,873	956	12,702
1961	8,655	3,769,165	1,305	479,459
1962	6,285	349,493	1,521	5,586
1963	7,670	190,209	1,885	22,719
1964	6,944	1,211,384	1,829	11,382
1965	7,238	210,909	1,218	8,055
1966	7,468	463,154	1,921	5,834
1967	8,650	895,178	1,465	25,699
1968	7,301	895,037	1,219	3,829
1969	6,633	943,509	901	365
1970	9,253	1,058,843	1,239	22,728
1971	9,173	1,695,013	1,790	14,650
1972	8,227	780,037	1,604	32,030
1973	7,665	1,272,564	1,111	3,607
1974	8,153	832,752	1,625	523,936
1975	11,286	920,941	3,146	16,857
1976	10,262	1,813,105	3,985	544,126
1977	8,960	1,438,194	2,049	15,547
1978	8,049	289,413	940	7,524
1979	10,063	2,700,748	1,564	63,718
1980	9,147	4,822,167	1,779	560,325

Source: Petawawa National Forestry Institute, Canadian Forestry Service

Table 18.9

Forest Fires by Size Class, Canada and Ontario, 1950-1980

	Canada					Ontario				
	Hectares					Hectares				
	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200	Under 0.1	0.1 to 4.0	4.1 to 40.0	40.1 to 200	Over 200
1950	1,726	2,110	1,288		312	260	518	198		9
1951	1,813	1,708	884		253	329	428	115	21	11
1952	1,868	1,999	633	254	192	391	581	103	16	4
1953	2,226	2,827	852	356	290	500	821	146	33	20
1954	1,225	1,330	326	94	89	354	428	81	9	9
1955	2,515	2,614	659	318	242	846	1,124	188	52	42
1956	2,039	1,680	452	204	264	395	502	66	26	28
1957	2,223	2,408	727	220	150	575	861	187	37	11
1958	2,875	2,568	788	224	359	490	861	178	20	9
1959	2,065	1,861	555	230	163	470	493	56	9	1
1960	3,270	2,804	674	275	323	416	448	59	23	10
1961	3,897	2,984	888	337	549	502	639	112	12	40
1962	2,866	2,584	535	183	117	670	744	84	17	6
1963	3,662	2,883	753	242	130	693	955	198	30	9
1964	2,884	2,900	711	216	233	845	829	122	22	11
1965	3,644	2,728	571	192	103	572	560	70	13	3
1966	3,673	3,032	479	167	117	998	834	70	14	5
1967	3,987	3,202	744	319	398	630	712	99	16	8
1968	3,489	2,780	620	235	177	481	602	118	17	1
1969	3,332	2,512	454	164	171	474	383	36	6	2
1970	4,695	3,438	731	185	204	645	508	61	11	14
1971	4,535	3,394	697	244	303	894	755	108	17	16
1972	3,632	3,363	722	257	253	703	757	97	26	21
1973	3,640	2,960	558	205	302	523	534	43	6	5
1974	4,083	3,061	675	176	158	711	713	112	29	60
1975	5,683	4,374	842	215	172	1,426	1,444	222	39	15
1976	4,819	3,812	912	339	380	1,957	1,625	224	78	101
1977	3,981	3,746	839	169	225	811	1,006	157	29	46
1978'	4,555	2,760	508	141	85	470	390	57	18	5
1979	5,410	3,510	688	207	248	785	669	73	16	21
1980	4,019	3,353	1,078	361	336	797	749	133	45	55

Source Petawawa National Forestry Institute, Canadian Forestry Service

Table 18.10

Value of Mineral Production, Ontario, 1960-1981

	Total	Metallics	Non-Metallics	Fuels	Structural Materials
			$Million		
1960	983.1	817.8	25.3	9.7	130.3
1961	944.1	781.2	23.6	9.2	130.1
1962	913.5	729.9	27.3	9.5	146.8
1963	874.3	663.6	26.9	9.5	154.2
1964	905.0	701.6	24.5	9.8	169.1
1965	993.0	776.2	23.1	8.9	184.7
1966	957.9	732.4	23.7	10.2	191.6
1967	1,194.5	970.9	28.4	9.0	186.3
1968	1,355.6	1,123.0	36.0	7.8	188.9
1969	1,223.4	1,001.0	35.7	7.4	179.3
1970	1,590.1	1,354.4	40.1	9.3	186.4
1971	1,554.2	1,290.6	43.9	9.1	210.6
1972	1,538.1	1,254.8	44.2	7.3	231.8
1973	1,854.7	1,521.8	57.2	6.5	269.1
1974	2,434.6	2,049.7	64.2	7.6	313.1
1975	2,357.3	1,949.0	56.2	11.6	340.6
1976	2,526.5	2,036.6	84.7	10.1	395.1
1977	2,980.0	2,436.1	89.6	16.9	437.4
1978	2,697.9	2,048.5	94.1	26.9	528.4
1979	3,240.6	2,544.6	106.0	29.7	560.3
1980^r	4,551.7	3,809.2	119.1	43.2	580.2
1981^p	4,274.1	3.454.3	129.1	45.7	645.0

Source: Ministry of Natural Resources, Mineral Statistics Section

Table 18.11

Production Value and Quantity of Selected Metallic Minerals, Ontario, 1960-1981

	Silver		Uranium		Nickel		Copper		Iron Ore		Gold	
	Quantity ounces	Value $	Quantity lbs.	Value $	Quantity lbs.	Value $	Quantity lbs.	Value $	Quantity tons	Value $	Quantity ounces	Value $
						Millions						
1960	11.2	10.0	19.8	212.0	403.3	277.9	412.5	123.8	5.3	48.4	2.7	92.8
1961	8.9	8.4	15.0	151.1	392.4	295.4	423.3	122.4	5.8	62.4	2.6	93.5
1962	9.4	10.9	12.8	118.3	333.2	274.2	378.0	116.3	6.4	64.5	2.4	90.6
1963	9.6	13.3	12.8	103.0	298.2	246.3	357.9	112.0	6.7	70.0	2.3	88.3
1964	9.9	13.9	11.8	63.6	324.2	267.8	395.8	131.5	8.0	85.6	2.2	81.4
1965	10.8	15.2	6.8	47.2	382.6	316.3	432.5	161.7	8.5	94.2	1.9	73.4
1966	10.9	15.2	5.9	42.8	320.4	269.5	406.0	181.4	8.1	91.7	1.7	62.6
1967	14.3	24.8	5.5	41.4	380.1	352.2	552.3	261.8	8.6	99.9	1.5	56.5
1968	21.8	50.5	5.4	39.2	407.5	405.2	581.2	278.3	10.9	127.1	1.4	52.0
1969	22.3	43.0	. .	40.3	293.6	329.1	477.6	244.3	10.5	128.2	1.2	46.3
1970	19.9	36.8	6.7	40.7	448.5	608.4	590.2	340.8	11.8	144.8	1.2	42.5
1971	18.7	29.1	7.0	. .	431.5	583.9	604.7	317.5	11.2	136.2	1.1	40.1
1972	19.6	32.7	8.4	. .	378.9	519.9	579.4	293.5	11.8	139.5	1.0	58.7
1973	19.6	49.6	8.1	. .	393.3	574.8	574.6	365.3	12.4	152.5	0.9	89.8
1974	17.9	82.6	8.4	. .	460.9	749.8	625.9	484.0	12.0	180.1	0.8	124.4
1975	14.9	67.2	10.6	. .	394.8	811.3	568.3	361.4	10.5	219.0	0.8	123.7
1976	16.3	70.1	9.8	. .	413.2	882.3	573.6	391.4	11.1	252.3	0.7	91.0
1977	16.9	82.9	9.4	250.7	396.8	927.5	617.2	428.0	11.4	287.8	0.7	116.3
1978	14.2	87.9	9.8	363.8	206.5	474.6	434.4	324.0	10.6	308.4	0.7	154.5
1979	13.2	171.8	10.4	375.8	195.0	566.3	425.4	457.5	8.7	287.2	0.6	221.5
1980$_r$	14.8	335.6	11.5	464.1	321.0	1,154.9	540.2	631.2	7.2	262.0	0.6	403.9
1981$_p$	10.4	130.8	12.1	467.9	280.4	1,159.7	503.1	504.7	5.8	247.2	0.5	292.6

Source: Ministry of Natural Resources, Mineral Statistics Section

Table 18.12

Production Value and Quantity of Non-Metallic Minerals, Canada and Ontario, 1979-1981

	Canada						Ontario					
	1979		1980^r		1981^p		1979		1980^r		1981^p	
	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $	Quantity Tons	Value $
						'000's						
Asbestos	1,645	607,461	1,458	618,493	1,249	589,163	–	–	–	–	–	–
Barite	. .	1,953	. .	4,130	. .	4,386	. .	596	. .	500	. .	800
Fluorspar	–	–	–	–	–	–	–	–	–	–	–	–
Gemstones	. .	1,391	. .	1,632	. .	1,560	. .	66	. .	52	. .	60
Gypsum	8,927	41,126	8,087	39,539	8,598	46,410	820	4,831	816	5,729	758	5,353
Magnesitic Dolomite and Brucite	. .	8,990	. .	10,404	. .	10,590	–	–	–	–	–	–
Nepheline Syenite	668	15,180	661	16,544	668	17,834	668	15,180	661	16,544	668	17,834
Peat Moss	529	41,150	514	44,699	535	48,334	8	676	9	939	9	787
Potash (K_2O)	7,798	735,247	7,938	1,020,705	7,512	1,050,513	–	–	–	–	–	–
Pyrite, Pyrrhotite	34	275	35	345	12	124	–	–	–	–	–	–
Quartz	2,611	26,578	1,606	27,854	2,237	34,661	1,081	8,965	440	8,235	1,117	11,079
Salt	7,585	109,848	7,811	122,759	8,028	135,103	5,720	67,900	5,369	71,401	5,471	77,121
Soapstone, Talc, Pyrophyllite	100	3,439	. .	4,138	. .	5,158	. .	914	. .	1,698	. .	2,684
Sodium Sulphate	489	25,211	. .	30,468	. .	40,254	–	–	–	–	–	–
Sulphur, in smelter gas	736	14,515	987	28,909	996	32,031	348	6,221	574	12,535	557	12,155
Sulphur, elemental	6,960	159,642	8,439	444,095	9,171	695,900	22	673	23	906	24	1,200
Titanium Dioxide, etc.	. .	75,670	. .	117,060	. .	120,647	–	–	–	–	–	–
Total Value Non-Metallics	. . .	1,867,676	. . .	2,531,774	. . .	2,832,668	. . .	106,022	. . .	118,539	. . .	129,073

Source: Ministry of Natural Resources, Mineral Statistics Section.

Table 18.13

Production Value and Quantity of Fuels and Structural Materials, Canada and Ontario, 1979-1981

	Canada						Ontario					
	1979		1980^{r}		1981^{p}		1979		1980^{r}		1981^{p}	
	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's	Quantity '000's	Value $'000's
Fuels												
Coal[1]	36,597	860,000	40,442	932,000	43,266	1,045,500	–	–	–	–	–	–
Natural Gas[2]	3,334,623	4,855,845	3,079,086	6,155,006	2,902,371	6,156,901	10,312	21,420	15,717	33,481	14,373	34,768
Natural Gas by-products[3]	123,683	1,449,015	120,431	1,825,148	119,431	2,398,151	–	–	–	–	–	–
Petroleum, crude[3]	546,647	7,451,855	525,061	9,037,941	470,245	9,411,247	579	8,259	591	9,787	579	10,975
Total Value Fuels	. .	14,616,715	. .	17,950,095	. .	19,011,799	. .	29,679	. .	43,268	. .	45,743
Structural Materials[1]												
Clay products	. .	121,526	. .	108,563	. .	120,174	. .	60,768	. .	58,110	. .	69,366
Cement	12,969	653,877	11,263	609,109	10,544	680,587	4,117	182,252	4,483	190,793	3,990	200,115
Lime	2,050	82,774	2,589	115,671	2,581	148,473	1,318	51,921	1,856	74,389	1,886	103,500
Sand and Gravel	382,028	457,120	277,626	451,344	282,075	494,605	90,516	151,847	85,518	133,980	82,673	150,000
Stone	120,945	330,708	118,877	357,715	107,009	354,518	39,831	113,478	39,690	122,859	38,581	122,000
Total Value Structural Materials	. . .	1,646,005	. . .	1,642,402	. . .	1,798,357	. . .	560,266	. . .	580,131	. . .	644,961

1) In tons.
2) In thousands of cubic feet.
3) In barrels.

Source: Ministry of Natural Resources, Mineral Statistics Section.

Section
19

Energy

Highlights

- **Energy Consumption** – The Commercial and Industrial Use sector has the highest energy consumption of all use sectors. In 1972 it had reached over 50% of the total energy consumed, while in 1979 it declined to 43.8 per cent. In the Transportation Use sector, "Road" accounted for 80 per cent of the energy consumed in 1979 as compared with "Air", "Marine" and "Rail" which consumed 7.1, 5.8 and 4.2 per cent respectively. Due to the break in methodology of deriving energy consumption by use sector, the 1978 figures are not directly comparable with the previous year's data. This aspect is explained in detail in Statistics Canada's Catalogue 57-003 Quarterly, 1978-IV.

  Compared to 1973, the amount of energy consumed in coal and coal products has decreased by 8.1 per cent, and fuel oils and diesel by 3.3%; while gasolines, light distillates, natural gas and electricity have increased by 12.3, 14.7, 19.3 and 23.9 per cent respectively.

  For non-durable commodities in 1979, the Paper and Allied Industries and the Chemical Industries both accounted for the highest energy consumption in manufacturing. The former consumed 29.2 per cent; the latter consumed 38.7 per cent of the total consumption of all industrial groups, which totalled 306 trillion B.T.U. in 1979. Of the 1979 durable commodities consumption total of 260 trillion B.T.U., Primary Metal Industries accounted for 44.2 per cent.

- **Energy Use per Citizen (Share Index of energy consumption)** – In 1980, Ontario, of all provinces, was the most intensive user on a per person basis in the industrial category. Energy consumption per person in Canada was greatest in the transportation category with 80.57 x 10^9 joules (76.40 million B.T.U.'s)/person, followed by 69.20 x 10^9 joules/person in the industrial category, and 56.97 x 10^9 joules/person in the combined residential and agriculture categories.

- **Renewable Energy and Energy Consumption** – Federal and Ontario government programs for promoting alternative and renewable energy technology and better energy conservation practices have allocated $678.3 million and $51.4 million respectively to these projects. The Federal funding covers varying periods up to 1985 and the provincial funding relates to the period 1978-83. The definitions should be consulted for fund applications and other details.

- **Ontario Hydro** – Nuclear-electric power is the largest source of energy supplied in Ontario. Hydro-electric contribution has dropped considerably with the introduction of alternative power sources, most notably coal and nuclear energy. In 1961 hydro-electric sources supplied 80.04 per cent of the energy. This figure dropped in 1971 to 48.25 per cent and finally in 1981 to 30.98 per cent. Nuclear power has risen from nil in 1961 to 32.53 per cent in 1981. Coal accounted for 28.37 per cent in 1981.

  Primary energy delivery, in terms of billions of kilowatt-hours (BkWh), rose from an annual quantity of 18.77 BkWh in 1952 to 33.86 BkWh by 1961 and more than doubled again to 101.66 BkWh by 1981.

  The number of ultimate customers served by Ontario Hydro between 1962 and 1981 increased by 975,941 or 49.0 per cent. Of the electric energy distributed to residential and general services, the percentage change from 1980 to 1981 was +1.9 per cent for residential services and +3.4 per cent for general services. The 1978 to 1979 change for residential services was +1.5 per cent. For general services the percentage change from 1979 to 1980 was +1.7 per cent.

  Installed generating capacity in Ontario increased steadily through the 1975-1979 period. For both the electrical utilities and industrial establishments total installed generating capacity in 1975 was 21.1 million kW. By 1979 the capacity had increased by 21.7 per cent from 1975 and has remained at this level for 1980. In 1980, privately and publicly-operated electrical utilities generated 25.2 million kW. This figure is 39.9 times that generated by industrial establishments.

Definitions

Conversion – The term "conversion" in Table 19.7 is used to describe the process of changing primary fuel, i.e. naturally occurring fuel e.g. coal, crude oil, and for the purposes of this study, hydro and nuclear generated electricity, into secondary fuel, i.e. that resulting from the processing of other fuels, e.g. coke from coal or motor gasoline from crude oil. "Transformation" refers to the process of changing secondary fuels into other secondary fuels, e.g. thermal electricity from fuel oil fired power stations. From the resultant output of secondary energies included in the balance sheet, it becomes possible to compute the efficiency of the conversion transformation process; however, any non-energy forms produced in the process, for example lubricating oils at refineries, have been excluded. It is therefore possible that part of a seeming increase in the inefficiency of conversion/transformation could be explained by an increase in the output of non-energy forms. The impact of such forms should, however, be minimal.

Efficiency of Conversion – Efficiency measures are given as a percentage, viz: usable energy output to the energy content of the input (by heat units) × 100. In the case of oil refining those commodities (output from the process) which are not regarded as energy sources and for which a BTU equivalent is not published by Statistics Canada are excluded from the measure of efficiency; further, in this instance, a certain proportion of secondary products are fed back into refining. These are deducted from the output. As already noted, non-energy products (comprising petro-chemical feed stocks, naphtha specialities, asphalt and lubricating oils and greases) are excluded from the efficiency measure used in oil refining. In order to cover this point a second measure of the oil refining process is given in terms of the quantity of non-energy products produced as a percentage of crude oil input (by barrels).

Energy Units — Conversion Factors

Fuel Type	Unit	terajoules	Fuel Type	Unit	terajoules
Coal			Diesel	megalitres	38.68
Anthracite	kilotonnes	29.53	Light fuel oil	megalitres	38.68
Imported bituminous	kilotonnes	29.99	Heavy fuel oil	megalitres	41.73
Canadian Bituminous	kilotonnes	29.30	Petroleum coke	megalitres	42.38
Sub-bituminous	kilotonnes	19.76	Aviation gasoline	megalitres	33.52
Lignite	kilotonnes	15.35	Aviation turbo fuel	megalitres	35.93
Coke	kilotonnes	28.83	Natural gas	gigalitres	37.23
Coke oven gas	gigalitres	18.61	Electricity	gigawatt hours	3.60
Propane	megalitres	25.53			
Butane	megalitres	28.62	Steam	kilotonnes	2.75
Ethane	megalitres	18.36	Petrochemical feedstock	megalitres	35.17
Crude oil	megalitres	38.51	Naptha specialties	megalitres	35.17
Still gas	megalitres	41.73	Asphalt	megalitres	44.46
Motor gasoline	megalitres	34.66	Lubricating oils and greases	megalitres	39.16
Kerosene	megalitres	37.68	Other products	megalitres	39.82

Selected Conversion Factors: kilo = 10^3; mega = 10^6; gaga = 10^9; tera = 10^{12}; peta = 10^{15}
1 B.T.U. = 1.054615 x 10^3 joules
1 barrel = 0.15891 cubic metres
1 ton (short) = 0.9071847 metric tonne

1) Still gas is expressed in barrels of Heavy Fuel Oil equivalent.

Renewable Energy Development, Application and Conservation – Specified activities of Federal and Ontario Governments aimed at assisting in the development and use of renewable sources of energy and of improved energy conservation practices have been covered herein. These programs are described below.

i) AERD (Agricultural Engineering Research and Development): provides support to R & D in Agricultural Engineering which includes areas of solar and wind energy, and biomass conversion;

ii) LEBDA (Low Energy Building Design Awards): provides competition awards for those involved in the design of energy efficient buildings;

iii) PUSH (Purchase and Use of Solar Heating Program): encourages the development of Canadian solar energy technology;

iv) BELG (Biomass Energy Loan Guarantee): encourages groups of industries, in cooperation with communities (and, possibly, electrical utilities) to use biomass and/or municipal refuse as the energy source for electrical generation, particularly co-generation of electricity and heat;

v) Expanded Research, Development and Demonstration, 1978-1984. This program announced by the Federal Government provides for the demonstration of novel technologies or applications for harnessing energy from forests and farms (e.g. conversion of biomass to liquid fuels or chemicals).

vi) F.I.R.E. (Forest Industry Renewable Energy Program): assists those who are trying to create an energy source from wood residues;

vii) RAP (Research Agreement Program): provides funding to research organizations which are working towards a better use of mineral and energy resources; also funds projects which provide information on Canada's landmass;

viii) Provincial and Joint Federal-Provincial: These pertain to R & D programs conducted by many provincial ministries as well as the $114 million which will be available through joint federal/provincial agreements for renewables and conservation projects;

ix) DRECT (Development and Demonstration of Resource and Energy Conservation Technology): assists small entrepreneurs who are working on innovative methods of energy or material recovery from municipal and industrial waste;

x) ENFOR (Energy from the Forest): this is a contracting program applicable to any Canadian organization with research, development and demonstration expertise in forest products, certain aspects of cultivation and biomass energy-production;

xi) IRAP (Industrial Research Assistance Program): assists federally or provincially incorporated companies engaged in activities based on the physical or life sciences, whose research project stresses a special potential for the national good, such as, R & D in renewable energy;

xii) MINI-IRAP (Mini Industrial Research Assistance Program): this is an extension of IRAP and designed for small companies (less than 100 employees) with limited experience and expertise in the development of technology;

xiii) PILP (Program for Industry/Laboratory Projects): assists companies which are interested in co-operative R & D under contract with NRC laboratories;

xiv) IERD (Industry, Energy Research and Development Program): assists firms engaged in R & D of energy conservation in industrial processes and equipment;

xv) RFP (Request for Proposals): applicable to firms which are interested in providing services for government departments.

xvi) Unsolicited Proposals: a medium whereby the Federal government purchases services and products in science matters for unique projects whose concepts are not covered by other federal programs; and which enable government departments to carry on its own research;

xvii) Renewable Energy and Conservation – Federal and Provincial government programs for promoting renewable energy and better energy conservation practices have allocated $678.3 mil. and $27.2 mil. respectively to these projects. Federal funding covers varying periods to 1985, the provincial fundings relate to 1978-79.

xviii) Provincial Governments Energy R & D expenditures contain interministerial projects in energy conservation areas pertaining to buildings, transport, food supply, thermal wastes, municipal and industrial wastes, oil and gas combustion, industrial processes, storage and hydrogen systems, urban form, consumer products and lifestyles, and other (i.e. improvement in recovery, development and use of energy sources (Alberta); development of energy demand forecasting models (Ontario); total energy management (P.E.I.); and co-ordination of energy R & D in Saskatchewan). Areas covered in Renewable Energy Resources pertain to river and tidal power, solar, biomass, wind, geothermal and other.

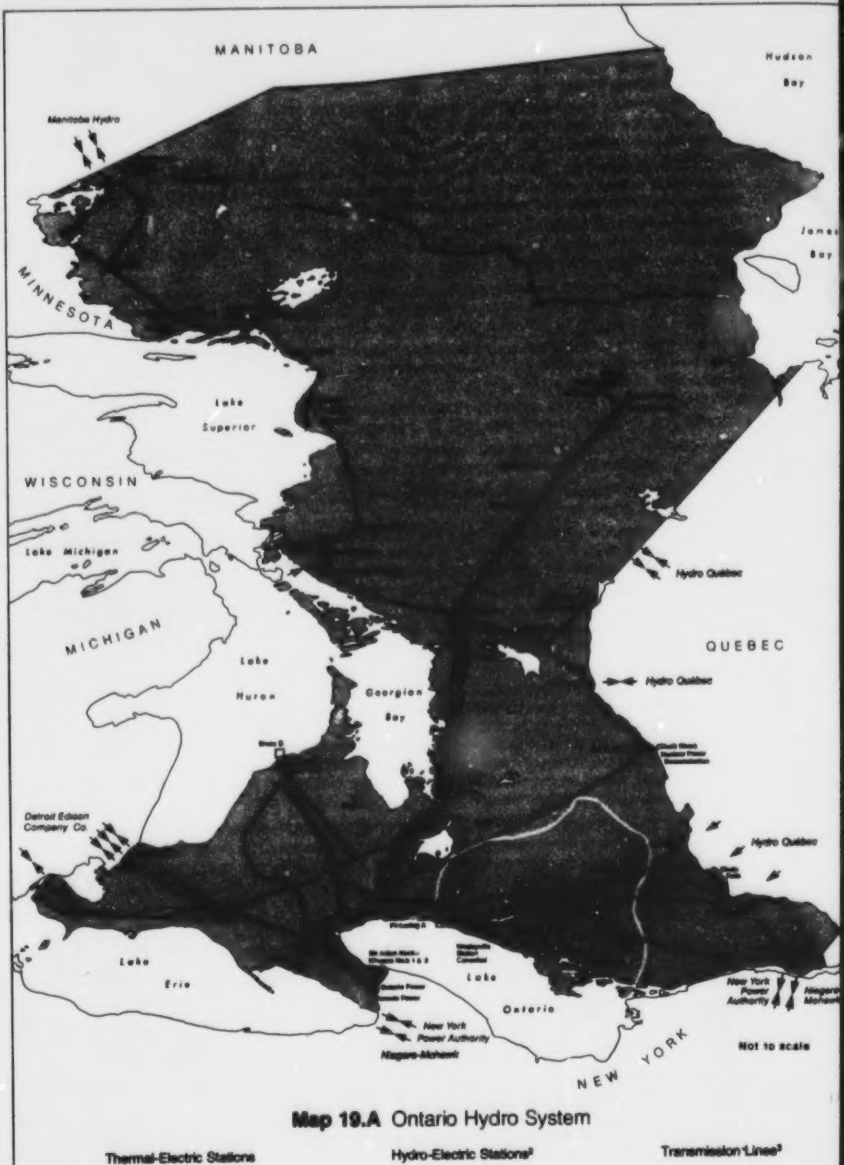
xix) Ontario Hydro is actively involved in the development of alternative energy including conservation and renewable energy technology. In conservation, its programs and research cover the residential, commercial, agricultural and the industrial sectors. These programs are aimed at improving efficiencies in lighting, heating, ventilation, low energy building design and construction, heat pump research, energy storage and efficient electric motors through research, demonstrations, on-site testing and customer information programs.

In the field of renewable energy Ontario Hydro is engaged in research studies and demonstrations of photovoltaic cells, small hydraulic studies, passive solar homes, and solar water heater programs.

Ontario Hydro's studies in alternative energy includes work in hydrogen production, cogeneration and the use of reject heat in agricultural greenhouses and fish farming. Ontario Hydro has also been exploring the use of Municipal Solid Waste as an energy source.

Retail – These are customers located in rural areas or in certain communities not served by municipal electric utilities and are supplied directly by Ontario Hydro.

Direct – These are industrial customers with demands in excess of 5,000 kilowatts who are served directly by Ontario Hydro.


MANITOBA
Hudson Bay
Manitoba Hydro
James Bay
MINNESOTA
Lake Superior
WISCONSIN
Lake Michigan
Hydro Québec
MICHIGAN
QUEBEC
Lake Huron
Georgian Bay
Hydro Québec
Detroit Edison Company Co
Hydro Québec
Lake Erie
Lake Ontario
New York Power Authority
Niagara-Mohawk
New York Power Authority
Niagara Mohawk
NEW YORK
Not to scale
Thermal-Electric Stations
Fossil Fuelled[1]
Nuclear Fuelled
< 1,000 MW
≥ 1,000 MW
< 1,000 MW
≥ 1,000 MW
proposed or under construction
Hydro-Electric Stations[2]
≤ 100 MW
> 100 and ≤ 1,000 MW
> 1,000 MW
Transmission Lines[3]
500 kV
230 kV
Power connection/agreement

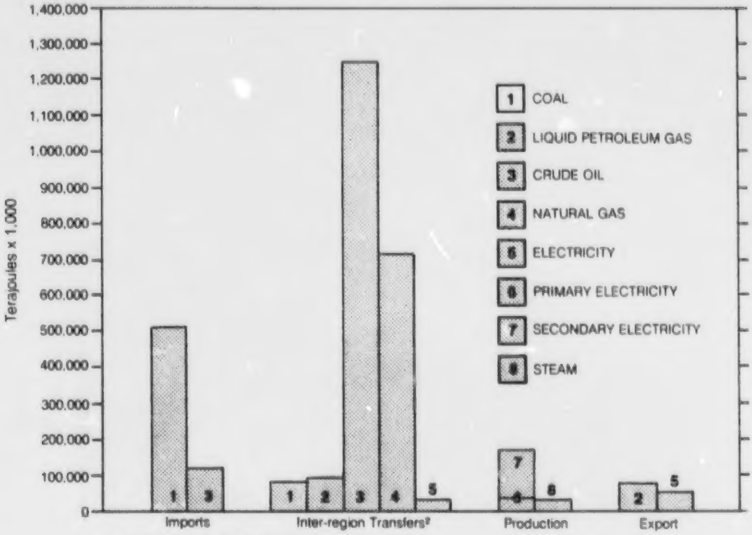
Map 19.A Ontario Hydro System

[1] Lennox, an oilfired power station has been mothballed, August 1982.
[2] Hydro-electric stations generating less than 4 MW are excluded.
[3] Transmission lines carrying less than 230 kV are excluded.

Source: Ministry of Treasury and Economics
Office of Economic Policy
Statistical Services Branch

Graph 19.B

Primary Fuel Supply, Production of Electricity and Steam and Energy Exports, Ontario 1979[1]

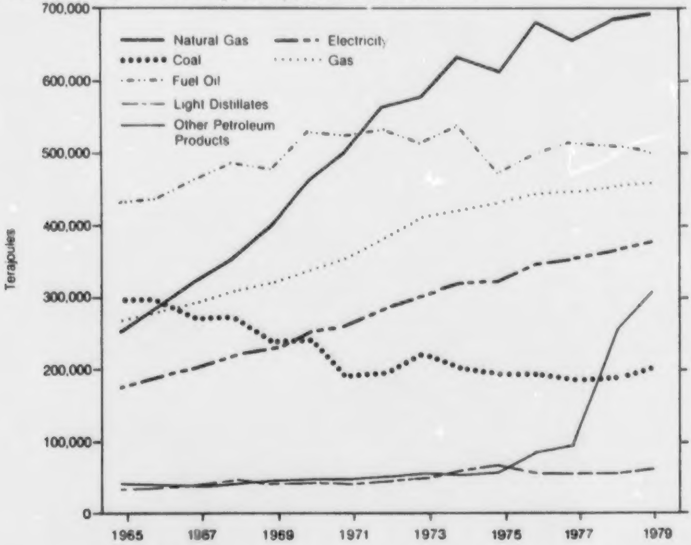


1 Excludes items of less than 20 terajoules
2 Inter-region transfers are into Ontario

Refer to Table 19.1 and 19.4

Graph 19.C

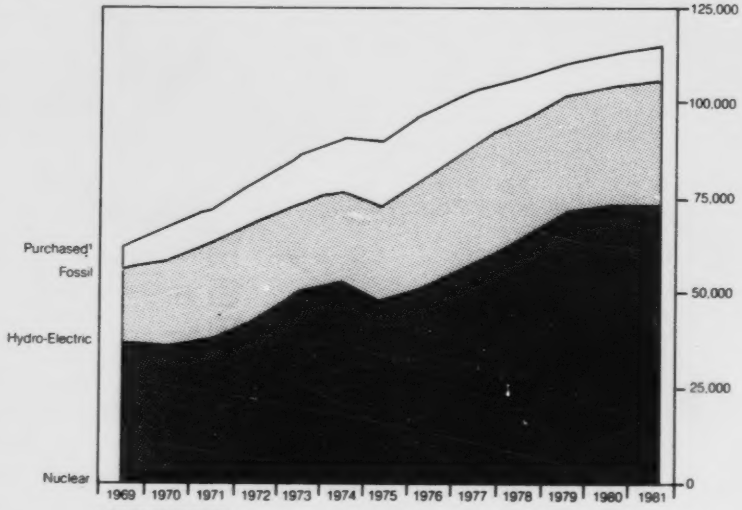
Energy Consumption by Commodity Group, Ontario, 1965-1979



Refer to Table 19.6

Graph 19.D

Energy Made Available, Ontario Hydro, 1969-1981

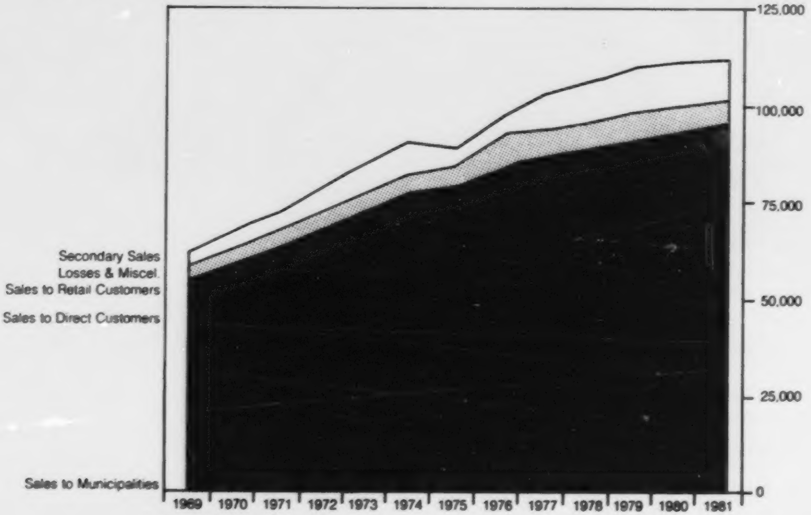


1 Includes non-sale transfers

Source: Ontario Hydro, *Annual Report*

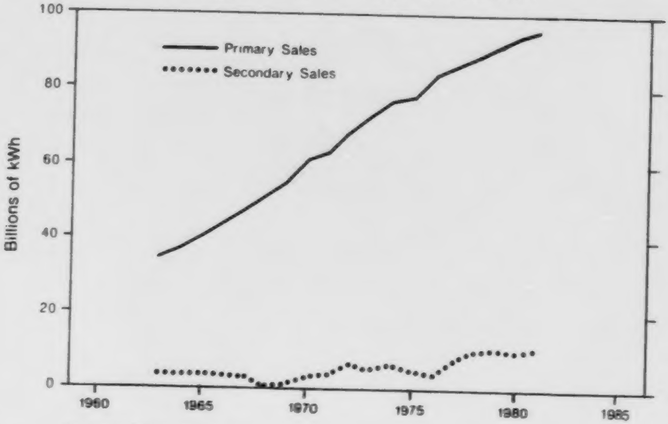
Graph 19.E

Disposal of Energy, Ontario Hydro, 1969-1981



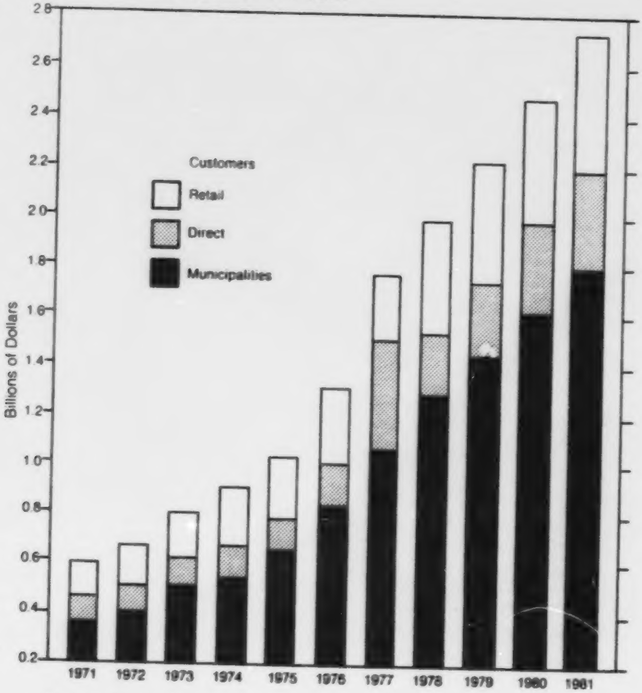
Source: Ontario Hydro, *Annual Report*

Graph 19.F
Primary and Secondary Energy Sales, Ontario Hydro, 1963-1981^p



Source: Ontario Hydro, *Annual Report*

Graph 19.G
Primary Revenues, Ontario Hydro, 1971-1981



Source: Ontario Hydro, *Annual Report*

Table 19.1

Primary Fuel and Electricity, Ontario, 1968-1979

	Coal	Liquified Petroleum Gas	Crude Oil	Natural Gas	Electricity	Steam	Total
				Terajoules			
Production							
1968	–	–	7,047	12,725	141,251	. . .	161,023
1969	–	–	7,109	11,951	146,150	. . .	165,210
1970	–	–	6,415	17,996	144,128	. . .	168,538
1971	–	–	5,864	17,148	151,141	. . .	174,153
1972	–	–	5,373	12,972	170,491	. . .	188,835
1973	–	–	4,945	10,048	198,146	. . .	213,140
1974	–	–	4,492	7,949	199,127	. . .	211,567
1975	–	–	4,308	11,532	180,843	. . .	196,684
1976	–	361	3,801	5,230	197,215	. . .	206,606
1977	–	427	3,776	8,992	220,752	. . .	233,946
1978	–	–	3,629	11,586	246,863	. . .	262,078
1979	–	–	3,547	10,858	271,796	24,448	310,650
Exports							
1968	–	–	–	5,114	9,101	. . .	14,215
1969	–	–	–	17,359	10,366	. . .	27,725
1970	–	63	–	35,475	12,949	. . .	48,486
1971	–	–	–	33,986	14,610	. . .	48,596
1972	–	–	–	18,709	21,861	. . .	40,570
1973	193	85	–	13,918	27,512	. . .	41,708
1974	–	–	–	13,866	28,327	. . .	42,193
1975	–	–	–	12,983	17,410	. . .	30,393
1976	–	59,683	–	13,579	22,372	. . .	95,634
1977	–	88,678	–	15,622	34,717	. . .	139,017
1978	–	71,691	5,184	13,289	39,085	. . .	129,249
1979	–	70,096	18,084	18,472	43,896	–	150,547
Imports							
1968	439,381	–	2,876	85,898	9,388	. . .	537,545
1969	433,820	–	2,580	36,725	8,060	. . .	481,185
1970	495,580	–	2,806	11,338	10,313	. . .	520,039
1971	453,076	–	2,500	15,013	9,193	. . .	479,783
1972	480,090	–	2,598	16,417	6,288	. . .	505,393
1973	428,486	–	2,998	15,541	5,735	. . .	452,760
1974	349,942	–	417	14,107	6,588	. . .	371,054
1975	451,779	–	1,823	10,708	9,771	. . .	474,081
1976	421,926	–	14,253	4,225	7,445	. . .	447,849
1977	450,089	–	116,683	–	4,198	. . .	570,970
1978	413,060	–	146,350	–	2,723	. . .	562,133
1979	508,714	–	111,831	–	1,511	–	622,056
Inter-Region Transfers[1]							
1968	32,114	11,477	727,432	264,308	16,546	. . .	1,051,876
1969	13,114	14,625	754,189	373,431	16,438	. . .	1,171,797
1970	15,408	14,425	818,731	496,812	22,900	. . .	1,368,275
1971	8,130	12,114	823,253	519,751	20,949	. . .	1,384,196
1972	1,763	19,715	835,980	604,473	30,181	. . .	1,492,111
1973	946	21,983	906,870	685,801	37,108	. . .	1,652,707
1974	6,736	24,849	1,008,337	722,375	43,894	. . .	1,806,192
1975	25,155	27,186	984,207	724,990	45,922	. . .	1,807,459
1976	14,491	83,046	1,000,321	746,498	46,318	. . .	1,890,674
1977	20,017	108,215	1,003,271	762,766	40,265	. . .	1,934,534
1978	47,280	90,786	1,060,797	726,786	33,968	. . .	1,959,618
1979	79,155	88,075	1,242,180	717,693	25,213	–	2,152,315

1) The inter-region transfers are into Ontario.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57-003).

Table 19.2

Secondary Energy: Petroleum Products, Ontario, 1962-1979

	Gasoline		Light Distillates		Fuel Oil			
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	Liquified Petroleum Gas, Still Gas, Petro Coke[1]
				Terajoules				
Output								
1962	173,901	99.56	28,956	75.06	236,700	15,57	44.38	25,802
1963	187,858	99.71	34,576	71.60	270,335	14.74	44.32	44,724
1964	215,407	99.69	34,761	69.82	280,158	15.01	44.40	49,022
1965	224,892	99.74	37,161	67.74	304,609	16.62	43.13	47,670
1966	233,919	99.79	38,348	61.24	319,495	16.82	41.40	45,569
1967	236,319	99.78	40,043	60.85	312,834	16.49	39.25	41,882
1968	252,087	99.82	38,704	62.07	333,142	17.77	40.81	44,816
1969	267,476	99.77	45,356	64.62	331,249	19.74	41.82	37,235
1970	286,104	99.86	50,539	64.19	366,857	18.65	42.48	32,711
1971	296,296	99.94	51,603	55.74	370,191	19.02	44.99	31,078
1972	317,509	99.96	49,314	57.43	346,804	20.46	43.65	28,718
1973	336,432	99.91	64,496	56.16	362,441	20.51	43.10	36,625
1974	373,587	99.82	78,208	56.43	389,130	21.09	37.74	39,125
1975	386,760	99.82	85,799	57.92	372,444	20.24	38.33	44,415
1976	377,689	99.88	88,701	59.12	390,821	18.88	40.56	55,817
1977	369,055	99.90	88,116	55.23	457,467	18.38	38.77	67,080
1978	373,258	99.90	83,476	51.82	484,225	20.98	30.87	85,807
1979	398,691	99.89	94,609	51.35	550,625	20.99	33.09	92,609
Exports								
1962	1,081	100.00	215	90.11	3,141	17.62	5.92	562
1963	1,508	100.00	208	100.0	4,309	–	6.41	1,588
1964	1,907	96.70	151	100.00	4,658	–	7.34	2,515
1965	856	100.00	44	100.00	3,161	–	3.74	1,523
1966	359	100.00	62	100.00	2,130	–	28.14	990
1967	326	100.00	168	100.00	3,731	–	77.76	8
1968	1	100.00	483	100.00	5,791	–	82.57	1
1969	658	100.00	346	100.00	9,992	–	89.10	–
1970	658	100.00	228	93.68	9,984	0.04	89.38	2
1971	919	100.00	326	100.00	8,069	0.17	68.53	460
1972	332	100.00	21	100.00	16,803	–	23.05	178
1973	1,850	100.00	5	100.00	22,811	0.80	21.83	1,134
1974	23	100.00	91	100.00	36,736	0.15	6.17	–
1975	5,589	100.00	147	100.00	56,720	–	11.05	–
1976	4,434	100.00	326	100.00	43,412	–	2.52	47
1977	969	100.00	–	–	42,610	–	7.53	279
1978	37	100.00	1,698	–	91,395	–	5.07	1,560
1979	90	100.00	–	–	78,710	0.10	0.22	1,709

Table 19.2 (cont'd.)

Secondary Energy: Petroleum Products, Ontario, 1962-1979

	Gasoline		Light Distillates		Fuel Oil			
	Motor and Aviation Gasoline	Motor Gasoline %	Kerosene and Aviation Turbo Fuel	Kerosene %	Diesel, Light and Heavy Fuel Oils	Diesel %	Light Fuel Oil %	Liquified Petroleum Gas, Still Gas, Petro Coke[1]
				Terajoules				
Imports								
1962	25	100.00	15	100.00	14,689	3.37	36.30	2,371
1963	15	100.00	3	100.00	15,789	0.02	37.65	2,246
1964	1,449	100.00	258	100.00	23,677	–	20.40	3,132
1965	808	100.00	629	100.00	34,527	0.57	25.18	3,340
1966	1,185	100.00	56	100.00	35,550	12.14	23.17	3,398
1967	3,133	96.63	1,908	91.13	35,918	6.72	27.70	3,556
1968	162	100.00	4,196	44.17	30,736	10.15	50.88	4,611
1969	1	–	5,602	2.67	28,057	0.01	33.47	5,196
1970	–	–	5,824	7.59	22,266	2.69	22.14	6,214
1971	2	100.00	2,014	41.64	13,684	–	42.03	1,398
1972	5	100.00	2,369	2.05	23,512	–	41.26	1,553
1973	2	100.00	7	99.93	16,617	–	13.05	2,743
1974	–	–	181	69.19	8,778	–	17.66	2,521
1975	–	–	122	4.31	2,369	0.13	26.18	2,854
1976	–	–	12	100.00	733	–	68.20	4,849
1977	–	–	2	100.00	4,747	–	69.41	3,645
1978	–	–	3	100.00	3,189	0.03	58.33	3,232
1979	–	–	–	–	170	–	100.00	8,645
Inter-Region Transfers								
1962	52,392	98.14	10,845	81.26	76,864	3.83	69.30	201
1963	52,329	97.92	10,530	86.06	88,142	5.92	60.59	260
1964	28,624	96.81	5,616	81.50	68,654	4.51	53.52	484
1965	30,319	97.02	6,742	90.85	75,379	8.61	49.21	366
1966	35,749	97.47	9,469	79.33	80,021	9.66	49.32	339
1967	39,118	97.76	9,438	69.37	84,706	15.37	50.92	407
1968	40,651	97.64	13,325	64.44	109,749	11.80	46.40	962
1969	41,003	97.60	10,188	71.77	108,503	9.72	49.80	1,182
1970	44,952	97.76	11,157	70.66	137,434	9.53	40.28	754
1971	49,148	97.82	10,031	65.88	139,787	8.42	38.99	−449
1972	53,524	97.34	13,156	56.46	138,572	7.55	35.31	−776
1973	48,714	97.19	12,527	55.52	134,695	7.53	30.24	−1,100
1974	45,669	97.78	10,798	49.38	100,288	8.17	31.96	−325
1975	61,246	98.35	11,616	60.35	101,990	10.10	34.98	−101
1976	49,910	97.14	10,238	60.47	113,052	8.77	24.38	162
1977	54,321	97.70	8,988	60.01	125,534	10.92	28.58	−39
1978	46,518	97.04	6,206	67.27	89,293	13.50	23.89	−426
1979	27,604	95.06	5,987	28.56	19,849	44.39	−1.51	−857

1) In Ontario, since 1963 still gas has been used exclusively in the refining process and petroleum coke has been used almost entirely in "non-energy" applications.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57,003).

Table 19.3

Secondary Energy: Supply of Coal Products, Ontario, 1962-1979

	Coke					
	Output					Coke oven Gas
		Blast Furnace Gas	Export	Import	Inter-region Transfer	Output
	Terajoules	%	Terajoules			
1962	84,948	0.44	1,078	5,327	2,560	24,791
1963	89,345	0.23	1,155	5,316	2,550	26,004
1964	91,424	1.04	223	7,341	3,141	27,960
1965	92,252	0.91	1	13,047	4,906	26,944
1966	92,532	0.96	1	13,357	4,113	26,521
1967	95,561	1.19	36	8,534	3,017	27,882
1968	114,272	1.12	1,078	4,407	4,132	36,248
1969	102,413	1.02	3,568	5,113	5,705	32,131
1970	121,174	0.92	3,211	6,683	4,949	38,212
1971	112,158	1.18	3,657	7,295	516	36,672
1972	117,835	1.07	2,612	5,987	1,973	38,266
1973	132,899	0.85	185	4,461	537	44,701
1974	132,818	1.05	326	6,155	4,616	43,755
1975	130,645	0.85	1,127	11,406	4,240	43,099
1976	136,985	0.77	603	4,375	439	45,565
1977	128,138	0.15	293	5,933	−638	41,517
1978	130,601	0.00	192	5,961	–	43,112
1979	147,671	0.00	1,944	2,800	−1,739	48,085

Source: SC. Detailed Energy Supply and Demand. (57-207 and 57.003)

Table 19.4

Secondary Energy: Generation of Secondary Electricity, Ontario, 1962-1979

	Energy Generated from Different Fuels				
	Coal	Fuel Oils Incl. Diesel Oil	Natural Gas	Other	Total Secondary Electricity Generated
	Terajoules				
1962	14,906	97	451	217	15,672
1963	29,557	262	257	85	30,161
1964	32,960	276	330	249	33,815
1965	41,183	345	612	219	42,359
1966	39,582	390	915	217	41,104
1967	49,118	623	441	281	50,464
1968	59,593	1,172	869	303	61,936
1969	69,673	1,655	1,187	227	72,741
1970	80,819	2,611	1,906	314	85,650
1971	88,367	2,078	5,077	325	95,848
1972	81,553	1,454	16,220	265	99,492
1973	69,079	1,306	19,070	346	89,801
1974	72,640	1,119	24,098	403	98,259
1975	73,572	2,515	25,414	336	101,837
1976	82,871	10,786	23,273	416	117,347
1977	94,392	6,619	22,613	637	124,260
1978	97,200	7,178	15,797	778	120,956
1979	102,330	4,122	13,932	756	121,140

Source: SC. Detailed Energy Supply and Demand. (57-207 and 57.003)

Table 19.5

Energy Consumption by Use Sector[1], Ontario, 1961-1979

		Transportation								
	Energy Supply Industry[2]	Road, Rail, Air and Marine (excl. Navy)	Road	Marine	Rail	Pipe-lines	Air	Domestic and Farm	Commercial and Industrial[3]	Other[4]	Total
	Terajoules		%					Terajoules			
1961	66,115	270,947	81.61	. .	8.35	–	4.19	312,964	535,431	909	1,186,366
1962	69,555	278,219	83.12	. .	7.09	–	4.05	313,646	575,189	1,736	1,238,343
1963	74,347	292,629	83.54	. .	6.88	–	4.17	331,039	612,322	15,175	1,325,513
1964	81,066	312,033	82.07	. .	7.88	–	4.00	334,586	650,884	24,047	1,402,616
1965	90,059	333,269	81.02	. .	6.73	–	4.12	342,458	714,851	35,478	1,516,115
1966	102,008	353,005	80.57	. .	6.67	–	4.94	332,341	754,225	37,527	1,579,107
1967	101,267	364,718	82.39	. .	6.31	–	5.48	354,073	797,608	28,862	1,646,528
1968	106,571	387,094	82.90	. .	5.95	–	5.70	366,395	857,871	17,550	1,735,482
1969	103,293	401,625	83.01	. .	5.71	–	6.09	389,227	855,875	11,757	1,761,775
1970	113,356	426,654	82.72	. .	5.32	–	6.49	397,012	944,100	35,309	1,916,431
1971	120,428	446,169	83.63	. .	5.39	–	6.31	386,708	956,272	25,307	1,934,882
1972	120,508	469,624	84.65	. .	4.84	–	6.29	418,813	1,035,183	16,262	2,060,390
1973	118,949	517,183	83.33	. .	4.80	–	6.67	403,518	1,052,117	38,196	2,129,963
1974	117,819	541,794	82.40	. .	5.12	–	7.55	447,213	1,097,696	29,096	2,233,618
1975	116,511	547,611	83.04	. .	4.76	–	7.72	425,768	1,042,552	33,345	2,165,787
1976	126,110	577,099	84.42	. .	4.25	–	7.31	440,902	1,120,816	51,784	2,316,711
1977	136,364	591,952	84.29	. .	4.25	–	7.10	414,544	1,136,103	43,147	2,322,110
1978[5]	163,493	582,225[6]	83.98[7]	5.23	4.25	0.20	6.34	483,790	1,072,100[8]	207,470	2,509,078
1979	147,008	630,637[6]	79.75[7]	5.77	4.23	3.18	7.07	482,744	1,138,303[8]	197,922	2,596,614

1) The figures in this table comprise the total usage after stock changes, product substitution and secondary energy supply losses and adjustments have been allowed for.

2) Includes: refinery and colliery consumption, electricity transmission losses and natural gas plant own-usage.

3) The terms "commercial" and "industrial" as used in this table are based largely on tariffs and cannot therefore be related to standard industry codes.

4) Includes "non-energy" use and "losses and adjustments".

5) 1978 data represents the beginning of a new series based on SC's Cat. No. 57-003. The new system is derived from SC's quarterly surveys structured towards obtaining data from the energy supply companies in a standardized format rather than previously conducted surveys structured to accommodate the accounting systems employed by reporting companies.

6) Includes Road and Urban Transit and Pipelines.

7) Includes Urban Transit.

8) Includes Public Administration (incl. Street Lighting) and Other Commercial/Institutional.

Source: SC, Detailed Energy Supply and Demand (57-207 and 57.003)

Table 19.6

Energy Consumption by Commodity Group, Ontario, 1963-1979

		Petroleum Products					
	Coal and Coal Products	Gasolines	Fuel Oils and Diesel	Light Distillates	Other[1]	Natural Gas	Electricity
			Terajoules				
1963	286,506	243,346	379,685	35,009	31,763	197,794	151,410
1964	296,004	254,134	392,183	33,608	35,694	227,140	163,853
1965	300,940	266,896	435,923	35,332	43,429	256,281	177,313
1966	299,753	280,432	440,786	38,964	40,668	284,823	193,681
1967	275,120	293,587	467,903	40,398	40,817	324,204	204,511
1968	273,174	311,988	490,040	41,098	44,936	354,226	220,020
1969	236,693	322,054	482,535	44,295	42,491	400,685	233,024
1970	244,723	336,980	533,152	48,417	43,011	460,104	250,043
1971	192,250	356,623	528,153	48,300	39,495	507,539	262,520
1972	194,974	383,511	536,506	48,203	45,010	567,596	284,589
1973	216,951	411,052	515,499	51,507	49,732	581,944	303,279
1974	202,135	421,408	538,923	55,265	60,117	636,228	319,541
1975	194,302	431,658	478,836	55,307	66,979	617,741	320,964
1976	193,930	445,861	502,302	55,162	83,974	689,530	345,953
1977	186,142	450,453	519,911	52,928	95,458	662,459	354,759
1978	188,272	453,393	507,547	52,896	254,969	686,634	365,368
1979	199,280	461,935	498,556	59,091	307,673	694,317	375,765

1) Includes all commodities consumed for energy purposes in Ontario, petroleum coke and steam are also included.

Source: SC. Detailed Energy Supply and Demand. (57-207 and 57.003)

Table 19.7

Efficiency of Energy Commodity Conversion, Ontario, 1963-1979

						Petroleum Products Production		
	Electricity Production				Coke Production	Energy Products		Non-Energy Products Factor[2]
	Coal	Fuel Oils and Diesel	Natural Gas	All Input Fuels[1]	Coal to Coke etc.	Net[3]	Gross	
				% output/input				
1963	34.17	20.44	23.69	33.86	91.75	83.05	91.79	6.05
1964	33.70	21.13	22.36	33.29	92.21	83.02	91.32	5.94
1965	33.71	22.01	24.05	33.31	91.65	82.77	91.01	6.90
1966	32.89	20.78	25.03	32.41	92.97	82.74	90.85	6.83
1967	32.86	20.09	24.21	32.41	94.02	82.26	90.47	7.42
1968	32.30	21.76	24.57	31.79	91.19	82.42	89.25	6.39
1969	34.07	17.53	20.84	32.96	91.06	82.06	89.09	3.41
1970	34.81	20.92	20.36	33.52	88.87	81.87	7.82	
1971	35.28	23.12	25.55	34.12	87.79	82.76	89.97	8.43
1972	35.97	21.06	27.03	33.74	89.69	80.89	87.85	11.02
1973	34.51	19.32	27.16	32.22	89.78	79.99	87.08	9.02
1974	35.78	19.29	27.82	33.06	92.08	79.95	86.59	7.68
1975	35.66	27.95	28.36	33.23	90.42	81.83	88.35	7.37
1976	35.95	31.95	35.50	35.46	90.87	82.95	90.06	8.20
1977	35.50	31.87	33.81	35.12	91.34	79.78	87.43	11.76
1978	35.58	33.76	44.58	36.65	91.47	88.96	98.47	15.21
1979	34.52	33.81	49.08	35.94	92.39	88.99	97.96	15.82

1) These include coal fuel oils, diesel, natural gas, wood, blast furnace gas, coke, LPG, still gas, motor gas, aviation gas, aviation turbo fuel and electricity.

2) Includes quantity of non-energy products as a per cent of crude oil input (barrels).

3) "Net" refers to a certain proportion of secondary products which are fed back into refining, these are deducted from output.

Source: SC, Detailed Energy Supply and Demand, (57-207 and 57-003)

Table 19.8
Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975-1979

1975	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1,550	53	3,139	7,840	23,837	5,089	179	518	40,655
Tobacco Products Industries	10	-	44	261	214	225	7	6	758
Rubber and Plastics Products Industries	401	-	102	2,214	6,155	2,453	35	603	11,562
Leather Industries	161	-	15	432	982	233	10	-	1,672
Textile Industries	385	-	134	3,343	5,776	2,877	32	268	12,430
Knitting Mills	84	-	9	298	606	158	2	64	1,137
Clothing Industries	435	-	33	155	246	172	-	24	630
Paper and Allied Industries	302	5,575	220	9,388	34,653	11,927	110	701	62,574
Printing, Publishing and Allied Industries	1,588	1	310	325	1,250	796	4	112	2,798
Petroleum and Coal Products Industries	31	-	29	329	5,567	3,510	1	535	9,971
Chemical and Chemical Products Industries	538	12	420	25,691	54,697	11,436	190	15,490	107,936
Miscellaneous Manufacturing Industries	1,004	-	238	934	2,346	1,185	20	32	4,755
Total Non-Durables	6,489	5,641	4,693	51,210	136,329	40,061	590	18,353	256,878
Durables									
Wood Industries	726	14	544	1,320	1,690	929	70	114	4,681
Furniture and Fixture Industries	785	6	100	513	1,262	419	16	9	2,325
Primary Metal Industries	201	1,806	337	20,125	56,169	19,932	146	3,590	102,105
Metal Fabricating Industries	2,070	2	734	1,946	12,900	3,209	229	201	19,221
Machinery Industries	606	8	283	876	5,306	1,751	85	14	8,323
Transportation Equipment Industries	392	1,257	1,072	5,818	13,542	6,798	201	669	29,357
Electrical Products Industries	487	10	126	1,592	5,614	2,691	75	117	10,225
Non-Metallic Mineral Products Industries	489	4,486	582	10,119	34,216	6,192	102	429	56,126
Total Durables	5,756	7,589	3,778	42,309	130,699	41,921	924	5,143	232,363
Total Durables and Non-Durables	12,245	13,230	8,471	93,519	267,028	81,982	1,514	23,496	489,241

Table 19.8 (cont'd.)

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975-1979

1976	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1,473	45	3,072	6,847	24,255	4,977	171	703	40,071
Tobacco Products Industries	9	–	45	200	281	203	12	4	746
Rubber and Plastics Products Industries	407	–	130	1,975	6,244	2,766	44	585	11,744
Leather Industries	153	–	16	415	1,123	255	5	–	1,814
Textile Industries	367	–	132	4,487	5,712	2,592	37	355	13,315
Knitting Mills	79	–	7	282	735	177	–	59	1,260
Clothing Industries	414	–	40	165	257	180	1	15	657
Paper and Allied Industries	301	3,412	274	9,564	47,472	14,796	118	606	76,242
Printing, Publishing and Allied Industries	1,486	1	323	286	1,343	968	2	129	3,052
Petroleum and Coal Products Industries	30	–	31	354	3,545	3,618	1	862	8,413
Chemical and Chemical Products Industries	524	–	383	32,551	63,839	12,469	126	16,821	126,190
Miscellaneous Manufacturing Industries	960	–	235	991	2,310	1,000	18	94	4,648
Total Non-Durables	6,203	3,458	4,688	58,117	157,116	44,001	535	20,233	288,152
Durables									
Wood Industries	733	95	651	1,202	1,189	633	28	46	3,844
Furniture and Fixture Industries	872	168	124	544	956	362	12	14	2,180
Primary Metal Industries	204	18,270	288	23,036	45,499	18,612	127	763	106,595
Metal Fabricating Industries	2,157	268	755	2,427	9,617	2,740	123	147	16,077
Machinery Industries	534	353	191	1,433	3,795	1,504	48	27	7,351
Transportation Equipment Industries	389	4,865	750	5,588	10,409	6,024	120	890	28,646
Electrical Products Industries	471	124	220	2,693	4,123	2,622	31	35	9,848
Non-Metallic Mineral Products Industries	537	4,921	1,032	12,879	27,817	5,810	97	460	53,016
Total Durables	5,897	29,064	4,011	49,802	103,405	38,307	586	2,382	227,557
Total Non-Durables and Durables	12,741	40,758	9,677	108,802	202,906	80,663	1,811	11,446	456,063

Table 19.8 (cont'd.)

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975-1979

1977	No. of Establishments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU × 10^9				
Non-Durables									
Food and Beverage Industry	1368	32	2,899	6,662	24,581	5,355	152	496	40,178
Tobacco Products Industries	9	–	48	177	282	218	10	4	740
Rubber and Plastics Products Industries	400	2	115	2,230	6,005	3,015	54	542	11,962
Leather Industries	150	–	19	341	797	260	6	–	1,423
Textile Industries	345	–	126	3,148	7,246	2,744	28	331	13,624
Knitting Mills	74	–	8	240	453	174	–	37	912
Clothing Industries	383	–	40	145	249	201	–	1	637
Paper and Allied Industries	287	5,260	269	10,509	50,326	17,480	137	1,156	85,138
Printing, Publishing and Allied Industries	1,468	–	376	285	1,245	1,007	3	115	3,031
Petroleum and Coal Products Industries	36	–	28	572	6,397	3,784	1	639	11,421
Chemical and Chemical Products Industries	520	59	424	27,109	51,829	11,959	6,257	15,622	113,260
Miscellaneous Manufacturing Industries	913	–	251	973	2,185	1,013	17	66	4,505
Total Non-Durables	5,953	5,352	4,604	52,391	151,597	47,210	6,666	19,010	286,830
Durables									
Wood Industries	645	1	576	1,319	3,065	1,385	97	219	6,662
Furniture and Fixture Industries	682	7	123	353	1,434	517	17	9	2,460
Primary Metal Industries	203	1,294	289	30,087	56,487	20,296	211	3,223	111,886
Metal Fabricating Industries	2,026	–	757	1,583	12,673	3,628	216	150	19,007
Machinery Industries	606	17	321	930	5,261	1,917	92	22	8,560
Transportation Equipment Industries	373	1,359	1,051	6,143	14,257	7,818	232	983	31,843
Electrical Products Industries	476	3	134	1,037	5,747	2,846	51	53	9,871
Non-Metallic Mineral Products Industries	450	9,241	482	11,757	26,315	7,108	135	529	55,567
Total Durables	5,461	11,923	3,733	53,210	125,239	45,514	1,050	5,188	245,857
Total Durables and Non-Durables	11,414	17,275	8,336	105,600	276,836	92,725	7,716	24,198	532,688

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975-1979

1978	No. of Establish-ments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU x 10^9				
Non-Durables									
Food and Beverage Industry	1,467	33	2,793	6,670	23,975	5,369	156	550	39,546
Tobacco Products Industries	10	–	47	184	281	208	12	1	733
Rubber and Plastics Products Industries	495	–	357	2,227	5,459	3,129	51	479	11,702
Leather Industries	163	–	21	444	769	275	4	–	1,513
Textile Industries	385	–	83	3,426	7,250	2,897	39	203	13,898
Knitting Mills	83	–	6	268	727	191	–	3	1,195
Clothing Industries	431	3	36	135	307	222	–	25	728
Paper and Allied Industries	319	5,115	304	12,825	50,088	18,466	151	2,311	89,260
Printing, Publishing and Allied Industries	1,661	–	408	247	1,340	1,032	6	128	3,161
Petroleum and Coal Products Industries	37	–	33	385	9,995	4,572	984	997	16,966
Chemical and Chemical Products Industries	593	43	421	15,480	53,973	13,436	167	29,845	113,365
Miscellaneous Manufacturing Industries	1,069	–	285	1,050	2,143	1,042	24	51	4,595
Total Non-Durables	6,713	5,194	4,794	43,341	156,307	50,839	1,594	34,593	296,662
Durables									
Wood Industries	707	7	605	1,457	3,517	1,523	110	272	7,491
Furniture and Fixture Industries	802	4	126	330	1,308	510	14	12	2,304
Primary Metal Industries	208	939	336	29,998	57,270	23,599	216	2,714	115,072
Metal Fabricating Industries	2,353	23	724	1,798	12,838	3,692	231	143	19,449
Machinery Industries	713	1	361	1,000	5,136	1,919	78	14	8,509
Transportation Equipment Industries	442	1,555	957	6,269	14,817	8,290	234	1,084	33,206
Electrical Products Industries	567	–	153	939	6,245	2,796	44	28	10,205
Non-Metallic Mineral Products Industries	574	10,513	506	11,739	26,452	8,073	137	651	58,071
Total Durables	6,366	13,042	3,768	53,530	127,583	50,402	1,064	4,918	254,307
Total Durables and Non-Durables	13,079	18,236	8,562	96,871	283,890	101,241	2,658	39,511	550,969

Table 19.6 (cont'd.)

Energy Consumption in Manufacturing by Industry Group and Commodity, Ontario, 1975-1979

1979	No. of Establish-ments	Coal	Gasoline	Fuel Oil[1]	Natural Gas	Electricity	LPG[2]	Other Fuels[3]	Total
					BTU x 10^9				
Non-Durables									
Food and Beverage Industry	1,542	40	2,709	6,490	24,604	5,860	137	742	40,582
Tobacco Products Industries	11	–	43	173	284	226	10	5	741
Rubber and Plastics Products Industries	531	2	243	1,881	6,706	3,428	67	535	12,862
Leather Industries	176	–	16	330	751	293	5	–	1,395
Textile Industries	413	–	102	2,292	8,499	3,126	35	178	14,232
Knitting Mills	87	–	5	270	667	196	1	3	1,142
Clothing Industries	456	–	34	137	312	258	–	18	759
Paper and Allied Industries	334	4,432	293	9,933	53,158	18,755	171	2,579	89,321
Printing, Publishing and Allied Industries	1,784	–	393	262	1,453	1,138	3	134	3,383
Petroleum and Coal Products Industries	40	–	38	353	10,397	4,506	2,307	1,166	18,767
Chemical and Chemical Products Industries	612	–	424	13,725	59,047	14,824	116	30,430	118,566
Miscellaneous Manufacturing Industries	1,177	–	307	854	2,060	1,097	20	53	4,391
Total Non-Durables	7,165	4,474	4,607	36,700	167,938	53,707	2,872	35,843	306,141
Durables									
Wood Industries	761	16	605	1,298	3,645	1,662	210	212	7,648
Furniture and Fixture Industries	926	4	130	386	1,441	585	17	13	2,576
Primary Metal Industries	237	274	283	27,458	60,670	25,748	169	498	115,100
Metal Fabricating Industries	2,515	2	757	1,832	12,887	3,973	210	148	19,809
Machinery Industries	785	21	378	878	5,409	2,130	94	20	8,930
Transportation Equipment Industries	502	1,409	838	6,067	14,041	8,114	194	995	31,658
Electrical Products Industries	618	29	213	775	5,995	3,006	53	168	10,239
Non-Metallic Mineral Products Industries	595	14,324	452	11,430	29,012	8,328	118	633	64,297
Total Durables	6,939	16,079	3,656	50,124	133,100	53,546	1,065	2,687	260,257
Total Durables and Non-Durables	14,104	20,553	8,263	86,824	301,038	107,253	3,937	38,530	566,398

1) Fuel oil including diesel fuel, kerosene and bunker "C".
2) LPG = liquified petroleum gas (Propane etc.).
3) Estimated.

Source: SC and Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch

Table 19.9

Energy Sales, Ontario Hydro, 1973-1981

	1973	1974	1975	1976	1977	1978	1979	1980	1981
Disposal of Energy									
Primary Energy Sales (Million kWh)									
Municipalities	49,340	51.852	54.523	57.635	58,348^{r}	61,285	63,349	64,899	66,421^{p}
Retail	9,880	10.736	11.049	12.436	13,021^{r}	12,927	13,011	12,936	12,745^{p}
Direct	14,075	14.829	12.594	14,071	15,187^{r}	14,775	15,757	16,432	17,077^{p}
Total	73.295	77.417	78.166	84.142	86,556^{r}	88,987	92,115	94,267	96,243^{p}
Secondary Energy Sales and Transfers (Million kWh)	7.745	8.078	4.918	6,625^{r}	10,540^{r}	11,549	12,503	11,392	11,791^{p}
Losses and Unaccounted for[1]	4,868	5.278	6.056	6,711^{r}	6,298^{r}	6,386	6,022	5,956	5,371^{p}
Average Revenue per kWh (¢)									
Residential	1.63	1.74	1.94	2.23	2.80	2.98	3.22	3.60	396^{p}
Farm	1.87	2.06	2.24	2.46	3.02^{r}	3.21	3.42	3.74	418^{p}
General	1.13	1.21	1.39	1.63	2.08^{r}	2.17	2.35	2.66	268^{p}
Miles of Line (Circuit Miles)									
Transmission	22.920	23.282	23.741	24,211^{r}	24.684	24,919	24,535	16,653[3]	16,730[3]
Retail Distribution	54.116	54.740	55.567	56.150	56.671	56,283	56,021	63,907[3]	63,682[3]
Revenues ($ Million)									
Primary Power and Energy	794	896	1,028	1.320	1,637^{r}[2]	1,849[2]	2,222	2,459	2,737
Municipal Utilities	506	551	654	838	1,108	1,275	1,442	1,603	1,800
Retail Customers	178	219	248	312	407	442	475	514	546
Direct Customers	110	126	126	170	244	262	305	342	391
Secondary Power and Energy	62	102	43	90	210	289	347	361	425

1) The allocation of total transmission losses to primary and secondary loads is estimated.
2) Primary Power and Energy reduced by excess revenues of $122 million in 1977 and $130 million in 1978.
3) Due to a change in reporting all 50 kv lines and less are now reported as distribution lines.

Source: Ontario Hydro.

Table 19.10

Percentage of Energy Supply by Source, Ontario Hydro, 1951-1981

	Hydro	Coal	Natural Gas	Oil	Nuclear	Receipts	Total Kilowatt Hours
							Million
1951	74.01	0.55	-	-	-	25.44	18,811
1952	74.38	2.07	-	-	-	23.55	19,975
1953	69.35	8.41	-	-	-	22.24	20,913
1954	76.48	4.27	-	-	-	19.25	22,387
1955	83.10	1.50	-	0.01	-	15.39	26,555
1956	81.99	3.16	-	0.01	-	14.84	29,524
1957	79.58	4.69	-	0.01	-	15.72	31,101
1958	79.61	1.91	-	0.01	-	18.47	31,450
1959	82.50	0.95	-	0.01	-	16.54	35,465
1960	83.65	0.44	-	0.01	-	15.90	37,709
1961	80.04	1.34	-	0.01	-	18.61	38,212
1962	69.98	9.16	-	0.01	0.05	20.80	39,884
1963	63.45	18.45	-	0.01	0.21	17.88	41,471
1964	61.12	18.99	-	-	0.32	19.57	44,399
1965	62.16	22.39	-	0.01	0.25	15.19	47,528
1966	65.04	19.74	-	0.02	0.31	14.89	51,753
1967	62.61	23.61	-	0.04	0.14	13.60	54,615
1968	59.76	26.72	-	0.15	0.15	13.22	58,694
1969	58.71	29.87	-	0.22	0.13	11.07	62,449
1970	52.46	32.51	-	0.42	0.18	14.43	68,074
1971	48.25	33.87	1.10	0.16	4.03	12.59	72,221
1972	47.02	28.17	4.21	0.07	7.24	13.29	79,994
1973	42.92	22.18	4.24	0.05	15.81	14.80	85,909
1974	41.59	22.14	5.41	0.02	14.91	15.93	90,774
1975	39.41	22.84	5.99	0.63	12.68	18.45	89,140
1976	36.10	23.63	4.60	2.95	16.46	16.26	97,478
1977	32.44	25.44	3.92	1.51	23.68	13.00	103.394
1978	33.51	25.32	1.95	1.63	27.09	10.50	106,922
1979	35.05	25.80	1.34	0.89	29.21	7.78	110,640
1980	32.86	27.72	.36	–	31.88	7.18	111,604
1981	30.98	28.37	–	.10	32.53	8.03	113,405

Source: Ontario Hydro.

Table 19.11

Primary Energy Made Available, Ontario Hydro, 1952-1981

	Annual Quantity		Annual Quantity		Annual Quantity
			Billions of kilowatt-hours		
1952	18.77	1962	35.78	1972	73.49
1953	19.95	1963	37.64	1973	78.16
1954	20.79	1964	40.63	1974	82.70
1955	23.26	1965	43.58	1975	84.22
1956	25.54	1966	48.06	1976	90.85
1957	27.40	1967	51.36	1977	92.86
1958	28.38	1968	55.79	1978	95.37
1959	31.55	1969	59.43	1979	98.13
1960	32.72	1970	64.29	1980	100.18
1961	33.86	1971	68.13	1981	101.66

Source: Ontario Hydro

Table 10.12

Generation of Energy, Canada and Ontario, 1976-1981

	1976	1977	1978	1979	1980	1981
Canada			Thousands of kilowatt-hours[1]			
Electric Utilities and Industrial Establishments						
Hydro	212,791,615	220,267,530	234,190,234	243,194,500	250,997,718	263,163,676
Thermal	81,251,815[2]	96,928,382[2]	102,147,251[2]	109,860,545[5]	115,679,353[6]	114,459,943[7]
Total energy generated	294,043,430	317,195,912	336,337,485	353,055,045	366,677,071	377,623,619
Electric Utilities						
Publicly and privately-operated						
Hydro	188,803,729	190,014,595	202,559,953	215,452,268	220,346,815	231,814,170
Thermal	74,935,277[2]	90,255,157[3]	94,912,909[4]	101,745,747[5]	108,060,114[6]	107,451,247[7]
Total energy generated	263,739,006	280,269,752	297,472,862	317,198,015	328,406,929	339,265,417
Industrial Establishments						
Hydro	23,987,886	30,252,935	31,360,281	27,742,232	30,650,903	31,349,506
Thermal	6,316,538	6,673,225	7,234,342	8,114,798	7,619,239	7,008,696
Total energy generated	30,304,424	36,926,160	38,864,623	35,857,030	38,270,142	38,358,202

Table 19.12 (cont'd.)

Generation of Energy, Canada and Ontario, 1976-1981

	1976	1977	1978	1979	1980	1981
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	38,376,851	36,519,370	39,215,160	42,308,144	40,191,847	38,241,502
Thermal	49,041,531[2]	59,361,120[3]	63,018,077[4]	66,925,551[5]	69,933,327[6]	71,796,355[7]
Total energy generated	87,418,382	95,880,850	102,233,237	109,233,695	110,125,174	110,037,857
Electric Utilities						
Publicly and privately-operated						
Hydro	36,775,892	34,832,072	37,372,408	40,411,091	38,388,238	36,478,704
Thermal	46,817,193[2]	56,759,551[3]	60,327,274[4]	64,198,479[5]	67,209,454[6]	69,164,151[7]
Total energy generated	83,593,085	91,591,623	97,699,682	104,609,570	105,597,692	105,642,855
Industrial Establishment						
Hydro	1,600,959	1,687,658	1,842,752	1,897,053	1,803,609	1,762,798
Thermal	2,224,338	2,601,569	2,690,803	2,727,072	2,723,873	2,632,204
Total energy generated	3,825,297	4,289,227	4,533,555	4,624,125	4,527,482	4,395,002

1) Kilowatt-hours generated after deducting station service.
2) Includes 16,430,255 thousand kilowatt-hours of nuclear generation.
3) Includes 24,828,480 thousand kilowatt-hours of nuclear generation.
4) Includes 29,434,558 thousand kilowatt-hours of nuclear generation.
5) Includes 33,272,359 thousand kilowatt-hours of nuclear generation.
6) Includes 35,879,600 thousand kilowatt-hours of nuclear generation.
7) Includes 36,891,505 thousand kilowatt-hours of nuclear generation.

Source: SC, *Electric Power Statistics, monthly*.

Table 19.13

Electric Energy Distributed to Residential and General Services by Ontario Hydro[1], by Selected Urban Area[2], Ontario, 1977-1981

	Electric Energy Distributed to:									
	Residential Services					General Services[3]				
	1981 Total	Per Cent Change				1981 Total	Per Cent Change			
		81/80	80/79	79/78	78/77		81/80	80/79	79/78	78/77
	Million kWh					Million kWh				
Ontario[4]	24,735	1.9	1.5	2.4'	3.2	66,567	3.4	1.7	4.2	2.1
Toronto (metro)	4,812	1.0	0.2	1.0	.1	14,870	2.9	1.4	3.8	2.1
Hamilton	745	−0.1	0.7	2.6	.8	4,577	−6.8	−1.4	7.8	3.6
Ottawa	895	0.0	3.0	−2.6	3.8	2,382	−0.1	2.2	−1.4	.7
London	642	−0.1	1.0	3.1	3.9	1,293	6.2	1.3	3.0	1.9
Windsor	486	−1.8	2.3	1.9	1.9	1,461	1.2	−2.0	−2.0	.7
Kitchener-Wilmot	404	1.8	1.6	4.6	18.0[5]	927	2.8	−2.4	4.3	12.3[5]
St. Catharines	298	1.0	5.2	0.4	−1.1	1,008	7.8	−5.8	0.6	1.9
Thunder Bay	335	−1.2	−4.0	3.5	3.3	660	1.1	2.8	6.0	5.5
Oshawa	377	1.1	1.7	6.1	4.2	782	1.4	−2.0	1.7	2.4
Niagara Falls	172	−1.1	19.1	1.4	–	325	3.8	16.9	3.5	3.2
Brantford	201	4.7	−1.1	1.6	4.9	418	3.5	−3.1	5.3	.8
Guelph	208	−1.8	10.6	6.5	2.4	571	16.3	−4.3	7.6	1.7
Kingston	167	2.4	1.4	1.9	1.9	356	2.3	1.0	2.0	5.1
Peterborough	222	3.7	1.9	–	5.0	368	0.3	3.6	1.7	2.7
Sarnia	127	0.0	−4.6	−9.5	−1.3	575	8.7	1.7	2.8	11.7
North Bay	183	1.1	0.8	0.6	5.3	259	1.6	2.7	1.2	2.9
Welland	97	2.1	10.0	3.6[5]	5.0	249	6.4	3.3	6.1[5]	6.5
Brampton	381	6.4	3.9	8.5	154.4[5]	835	4.6	4.3	11.0	157.1[5]

[1] Electrical energy distributed by Ontario Hydro and The Associated Municipal Utilities only.
[2] Urban areas represent incorporated municipalities.
[3] General Services includes Commercial, Industrial and Large Industrial customers (over 5,000 kW).
[4] Including urban areas not listed here.
[5] Restructured.

Source: Ontario Hydro

Table 19.14

Number of Ultimate Customers[1] Served Directly or Indirectly by Ontario Hydro, 1961-1981

	Retail Customers of the Municipal Utilities	Power District		Total
		In Rural Areas (Including Utilities)	Direct Customers (Including Utilities)	
1961	1,423,427	515,257	213	1,938,897
1962	1,460,553	530,526	210	1,991,289
1963	1,497,857	543,675	200	2,041,732
1964	1,552,238	543,345	171	2,095,754
1965	1,595,343	546,771	167	2,142,281
1966	1,630,255	557,338	173	2,187,766
1967	1,673,104	572,422	189	2,245,715
1968	1,709,111	582,718	186	2,292,015
1969	1,738,512	605,112	183	2,343,807
1970	1,766,086	622,379	96	2,388,561
1971	1,789,599	644,747	100	2,434,446
1972	1,821,795	658,565	102	2,480,462
1973	1,841,958	694,852	98	2,536,908
1974	1,872,461	720,273	99	2,592,833
1975	1,899,392	747,609	107	2,647,108
1976	1,941,100	768,956	109	2,710,165
1977	1,979,494	795,162	113	2,774,769
1978	2,046,952	785,705	108	2,832,765
1979	2,106,705	770,937	111	2,877,753
1980	2,160,524	766,117	112	2,926,753
1981	2,208,820	758,294	116	2,967,230

[1] For the years 1961-1969, special customers below 5000 kW were included in "Direct Customers". After 1969, these customers were included in "Retail Customers of Ontario Hydro - in Rural Areas"

Source: Ontario Hydro.

Table 19.15

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1964-1981

	Total All Zones		Eastern Ontario				Lake Ontario	
			Ottawa Valley		Upper St. Lawrence			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1964	37,606.8	368,489	2,325.8	24,549	1,320.9	11,693	1,787.2	20,512
1965	40,856.3	398,815	2,500.7	26,256	1,458.2	12,677	1,853.9	21,622
1966	44,853.0	429,599	2,650.5	27,921	1,646.8	14,283	2,037.9	22,954
1967	47,606.5	463,978	2,990.8	31,754	1,656.3	14,740	2,222.2	24,840
1968	51,769.5	516,474	3,252.4	35,906	1,732.4	15,512	2,351.5	27,087
1969	55,143.4	576,253	3,587.7	40,746	1,777.4	16,733	2,631.2	30,929
1970	59,746.1	644,466	3,926.6	46,428	1,841.6	18,135	2,896.1	35,249
1971	63,283.9	714,358	4,194.4	53,978	1,915.4	19,837	3,147.7	39,510
1972	68,068.8	795,006	4,640.2	62,033	2,045.9	21,720	3,388.6	44,179
1973	72,672.9	915,411	5,052.7	68,705	2,131.8	24,788	3,632.0	50,049
1974	76,290.2	1,039,278	5,422.4	79,831	2,253.5	28,841	3,905.3	59,014
1975	76,542.5	1,187,918	5,718.1	94,792	2,469.5	38,837	3,619.6	61,478
1976	82,132.9	1,486,810	6,313.1	119,908	2,663.5	48,332	3,909.8	77,556
1977	84,897.1	1,950,584	6,329.4	150,332	2,825.9	64,869	4,052.1	102,096
1978	86,858.4	2,096,843	6,560.3	165,603	2,961.1	71,490	4,188.0	111,693
1979	90,093.8	2,351,641	6,638.8	178,996	3,095.2	81,286	4,378.6	125,755
1980	91,603.2	2,688,531	6,708.2	201,455	3,174.3	94,536	4,333.7	141,112
1981	94,337.0	3,023,320	6,819.1	223,351	3,151.6	102,106	4,464.1	157,502

Table 19.15 (cont'd)

	Metropolitan Toronto Region		Niagara				Lake Erie[1]	
			Burlington		Niagara[1]			
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1964	10,721.4	120,065	3,428.0	28,343	4,422.9	28,097	1,599.9	19,692
1965	11,706.0	130,088	3,763.5	32,229	4,861.0	30,190	1,744.0	21,909
1966	12,971.9	141,391	4,197.1	35,709	5,249.7	32,889	1,909.6	23,559
1967	14,096.8	152,730	4,256.9	37,975	5,133.5	34,002	2,076.8	25,588
1968	15,352.1	173,001	4,555.2	41,376	5,110.3	35,477	2,271.8	27,844
1969	16,789.4	193,551	4,658.8	44,551	5,404.5	40,472	2,474.3	31,330
1970	17,917.4	210,605	5,012.7	50,728	5,540.0	43,844	2,635.2	35,206
1971	19,507.0	237,304	5,241.2	54,459	5,413.8	46,203	2,784.8	37,538
1972	21,284.1	268,996	5,756.6	61,374	5,331.3	47,974	3,020.3	41,438
1973	22,970.0	312,728	6,217.7	72,992	5,336.4	54,949	3,324.7	47,735
1974	24,385.5	351,684	6,350.3	79,119	5,463.0	60,987	3,468.9	53,560
1975	25,803.5	411,384	6,393.2	88,000	8,446.2	128,392	...	...
1976	27,285.9	508,536	6,667.9	111,190	8,710.9	156,307	...	...
1977	27,934.1	661,853	6,782.8	145,738	9,085.4	205,777	...	...
1978	28,830.3	711,606	6,915.8	153,413	9,404.0	222,879	...	...
1979	29,865.9	797,814	7,374.7	174,661	9,793.5	250,419	...	...
1980	30,300.2	912,929	7,304.8	195,822	9,929.5	286,456	...	...
1981	31,380.1	1,040,048	6,902.0	202,974	10,408.4	327,433	...	...

Table 19.15 (cont'd)

Electric Energy Sales and Revenue, Ultimate Customers Served Directly or Indirectly by Ontario Hydro, by Economic Region, 1964-1981

	Lake St. Clair				Upper Grand River		Georgian Bay			
	Border		Lambton				Blue Water		Highlands	
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1964	1,175.7	15,900	1,194.8	9,916	1,800.9	22,036	952.0	13,616	173.3	3,023
1965	1,347.4	17,598	1,360.8	11,156	2,005.8	24,117	1,068.2	14,718	183.9	3,326
1966	1,506.0	18,984	1,738.9	12,954	2,185.6	25,737	1,170.3	15,559	201.7	3,488
1967	1,654.0	20,841	1,887.4	13,673	2,402.4	28,383	1,329.5	17,116	224.7	3,776
1968	1,855.5	23,629	2,187.0	15,629	2,627.6	31,767	1,489.1	19,392	257.1	4,230
1969	1,992.3	25,931	2,314.8	17,710	2,821.9	35,078	1,698.5	23,257	294.4	4,869
1970	2,211.2	29,142	2,616.6	20,749	3,051.5	38,937	1,882.4	26,273	337.9	5,517
1971	2,449.6	33,378	2,683.2	22,494	3,258.7	41,712	2,049.7	29,577	400.8	6,434
1972	2,677.0	37,587	2,564.4	21,172	3,543.4	47,166	2,389.9	34,594	456.6	7,410
1973	2,892.7	42,616	2,218.7	21,792	3,762.2	52,405	2,888.5	42,589	486.1	8,392
1974	2,914.6	45,504	2,124.6	23,796	3,912.7	58,897	3,257.0	51,355	537.5	9,847
1975	2,976.8	52,176	2,135.0	27,207	4,119.7	69,151	2,860.3	54,957	561.1	11,830
1976	3,228.0	62,939	2,325.6	34,492	4,400.8	85,802	3,180.4	69,125	611.2	14,243
1977	3,392.6	83,592	2,575.1	49,526	4,516.7	110,852	3,285.4	90,189	639.3	18,818
1978	3,473.6	90,260	2,689.6	53,738	4,740.4	122,279	3,417.7	99,521	649.4	20,621
1979	3,524.7	101,709	2,877.0	61,897	5,075.4	140,408	3,556.5	111,343	658.9	22,669
1980	3,524.3	116,432	2,869.0	69,852	5,009.6	156,407	3,609.6	126,633	666.4	25,537
1981	3,710.2	130,564	3 013.9	79,991	5,136.8	175,660	3,725.7	141,723	694.0	28,779

Table 19.15 (cont'd)

	Northeastern Ontario						Northwestern Ontario	
	Clay Belt		Nickel Range		Sault		Lakehead	
	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue	Sales kWh	Revenue
	Millions	$'000's	Millions	$'000's	Millions	$'000's	Millions	$'000's
1964	1,216.7	13,108	1,801.2	13,825	333.9	3,0[illegible]3	3,352.2	21,041
1965	1,330.3	13,920	1,925.3	14,499	239.5	2,513	3,507.8	21,997
1966	1,368.2	13,838	1,950.7	14,363	259.6	2,562	3,608.5	23,408
1967	1,557.1	15,264	2,248.5	16,048	326.2	3,000	3,543.4	24,248
1968	1,778.6	16,894	2,626.3	18,254	484.2	4,062	3,838.4	26,414
1969	1,891.8	19,002	2,240.0	17,870	416.5	3,860	4,147.9	30,364
1970	2,005.2	20,708	3,042.9	24,353	593.3	4,907	4,235.5	33,683
1971	2,049.8	22,372	3,294.6	27,949	557.9	5,171	4,335.3	36,442
1972	2,435.7	26,115	3,104.3	28,308	827.0	5,121	4,604.6	39,824
1973	2,741.9	31,400	3,112.5	31,932	1,162.5	7,084	4,742.5	45,256
1974	2,960.2	37,148	3,360.7	37,300	1,140.4	10,711	4,833.5	51,684
1975	2,836.3	41,530	3,305.6	41,562	1,092.4	12,323	4,203.1	54,300
1976	3,197.5	54,078	3,570.1	53,681	1,326.8	18,302	4,739.4	72,319
1977	3,159.9	70,286	3,450.8	67,555	1,493.5	26,624	5,365.0	102,473
1978	3,257.8	75,308	2,927.9	63,696	1,419.1	26,454	5,424.3	108,283
1979	3,465.8	86,071	2,939.5	68,473	1,612.0	32,762	5,437.4	117,378
1980	3,508.1	98,085	3,580.7	91,575	1,719.3	39,296	5,365.4	130,403
1981	3,833.9	114,823	3,495.9	99,515	2,094.5	51,928	5,506.7	148,198

1) The Niagara figures for 1975 to 1981 represent Niagara and Lake Erie

Source: Ontario Hydro.

Table 19.16

Installed Generating Capacity, Canada and Ontario, 1975-1980[1]

	1975	1976	1977	1978	1979	1980
	Nameplate rating in '000's kilowatts					
Canada						
Electric Utilities and Industrial Establishments						
Hydro	37.282	39.488	40,810	41,898	44,009	47,770
Thermal	24.070[2]	26.908[3]	29,765[4]	32,609[5]	33,218[5]	34,229[5]
Total installed generating capacity	61.352	66.396	70.575	74,507	77,227	81,999
Electric Utilities						
Publicly and privately-operated						
Hydro	32.821	35.014	36.305	37,442	39,543	43,322
Thermal	22.537[2]	25.229[3]	27,903[4]	30,704[5]	31,545[5]	32,407[5]
Total installed generating capacity	55.358	60.243	64.238	68,146	71,088	75,729
Publicly-operated						
Hydro	25.266	28.158	28,732	35,342	37,443	41,221
Thermal	20.451[2]	22.716[3]	24,999[4]	27,143[5]	27,977[5]	28,467[5]
Total installed generating capacity	45.717	50.874	53.731	62,485	65,420	69,688
Privately-operated						
Hydro	7.555	6.856	7.572	2,100	2,100	2,101
Thermal	2.085	2,513	2.904	3,561	3,568	3,940
Total installed generating capacity	9.641	9.369	10.477	5,661	5,668	6,041
Industrial Establishments						
Hydro	4.460	4.474	4.505	4,455	4,466	4,448
Thermal	1.534	1.679	1.862	1,906	1,673	1,822
Total installed generating capacity	5.994	6.153	6.367	6,361	6,139	6,270

Table 19.16 (cont'd.)
Installed Generating Capacity, Canada and Ontario, 1975-1980[1]

	1975	1976	1977	1978	1979	1980
	Nameplate rating in '000's kilowatts					
Ontario						
Electric Utilities and Industrial Establishments						
Hydro	6,969	7,024	7,084	7.083	7,086	7,145
Thermal	14,147[6]	15,529[7]	16,827[8]	18,633[9]	18,632[9]	18,650[9]
Total installed generating capacity	21,136	22,240	23,911	25,716	25,718	25,795
Electric Utilities						
Publicly and Privately-operated						
Hydro	6,690	6,726	6,785	6,784	6,787	6,846
Thermal	13,586[6]	14,909[7]	16,520[8]	18,320[9]	18,319[9]	18,319[9]
Total installed generating capacity	20,276	21,635	23,305	25,104	25,106	25,165
Publicly-operated						
Hydro	6,387	6,423	6,482	6,481	6,484	6,543
Thermal	13,581[6]	14,903[7]	16,514[8]	18,314[9]	18,313[9]	18,313[9]
Total installed generating capacity	19.968	21,326	22,996	24,795	24,797	24,856
Privately-operated						
Hydro	303	303	303	303	303	303
Thermal	6	6	6	6	6	6
Total installed generating capacity	308	309	309	309	309	309
Industrial Establishments						
Hydro	299	299	299	299	299	299
Thermal	561	620	307	313	313	331
Total installed generating capacity	860	919	606	612	612	630

1) Generating capacity figures are for the end of each year.
2) Includes 2,6[illegible],400 kW nuclear generating capacity.
3) Includes 3,466,400 kW nuclear generating capacity.
4) Includes 5,066,400 kW nuclear generating capacity.
5) Includes 5,866,400 kW nuclear generating capacity.
6) Includes 2,400,000 kW nuclear generating capacity.
7) Includes 3,200,000 kW nuclear generating capacity.
8) Includes 4,800,000 kW nuclear generating capacity.
9) Includes 5,600,000 kW nuclear generating capacity.

Source: SC, *Electric Power Statistics, Volume III*.

Table 19.17

Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1974-1981

	1974		1975		1976		1977	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From field	93,059	–	78,793	–	71,483	–	73,389	–
From other carriers	1,614	25	1,439	22	1,189	19	1,410	17
From processing plants	13,282	1,276	12,504	1,626	11,918	1,483	9,592	1,353
Imports	24,096	42	25,593	122	22,912	591	17,094	3,358
From other	1,921	55	1,018	102	–	204	213	–
Net receipts-Total	133,972	1,398	119,347	1,872	107,742	2,297	101,698	4,728
Transfers								
From other provinces	172,790	33,751	146,469	30,680	144,952	35,437	160,546	39,497
Gross receipts-Total	306,762	35,149	265,816	32,552	252,694	37,734	262,244	44,225
Disposition								
Net deliveries								
To refineries	76,988	27,544	75,524	25,755	77,893	26,361	80,813	29,070
To other carriers	105	11	143	–	242	13	227	–
To bulk plants and terminals	50	43	809	122	232	185	66	22
To processing plants	850	849	1,112	1,081	434	435	696	696
For export	52,504	6,837	40,829	5,724	27,708	2,850[2]	18,978	1,344[3]
To other	3,359	–	862	–	493	–	342	–
Net deliveries Total	133,856	35,284	119,279	32,682	107,002	29,844	101,120	31,132
Transfers								
To other provinces	172,790	–	146,469	–	144,952	7,225	160,546	13,487
Gross deliveries-Total	306,646	35,284	265,748	32,682	251,954	37,069	261,666	44,619
Pipe line fuel and use	26	–	14	–	3	–	–	–
Line losses and unaccounted for	140	–	79	–	113	–	461	–91
Inventory changes	–50	–135	–25	–130	624	665	117	–303
Disposition-Total	306,762	35,149	265,816	32,552	252,694	37,734	262,244	44,255

Table 19.17 (cont'd.)

Summary of Pipeline Movements of Crude Oil, Condensate and Pentanes Plus, Canada and Ontario, 1974-1981

	1978		1979		1980		1981^p	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From field	71,194	–	80,692	–	78,220	–	69,351	–
From other carriers	1,584	15	1,523	10	1,769	14	1,512	12
From processing plants	10,467	878	11,669	956	9,883	871	9,091	1,098
Imports	15,483	5,197	12,773	5,026	13,247	5,168	17,335	7,083
From other	438	–	361	69	97	–	951	–
Net receipts-Total	99,166	6,090	107,018	6,062	103,216	6,053	98,240	8,193
Transfers								
From other provinces	166,382	41,823	187,273	47,842	180,712^r	47,347	146,502	41,656
Gross receipts-Total	265,548	47,913	294,291	53,904	283,928^r	53,400	244,742	49,849
Disposition								
Net deliveries								
To refineries	82,098	31,184	88,532	34,599	88,739^r	34,257^r	83,908	31,956
To other carriers	200	–	110	–	–	–	1	–
To bulk plants and terminals	390	40	408	57	459^r	–	28	–
To processing plants	854	854	864	864	906^r	906^r	1,308	1,137
For export	15,684	184[4]	16,761	470	11,939	339[5]	12,739	3,526[6]
To other	164	–	411	–	913	–	294	–
Net deliveries Total	99,390	32,262	107,086	35,990	102,956^r	35,502	98,278	36,619
Transfers								
To other provinces	166,382	15,935	187,273	17,888	180,712^r	17,935	146,502	13,492
Gross deliveries-Total	265,772	48,197	294,359	53,878	283,668^r	53,437	244,780	50,111
Pipe line fuel and use	–	–	–	–	–	–	–	–
Line losses and unaccounted for	48	3	135	−3	63^r	–	44	13
Inventory changes	−272	−287	−203	29	197	−37	−82	−275
Disposition-Total	265,548	47,913	294,291	53,904	284,341	53,400	244,742	49,849

1) Includes movements of Canadian oil held in bond in the United States and estimated inventory changes of interprovincial pipelines in Manitoba and United States.

2) Includes 335.2 thousands of cubic metres of United States oil re-exported to that country.

3) Includes 274.3 thousands of cubic metres of United States oil re-exported to that country.

4) Includes 134.4 thousands of cubic metres of United States oil re-exported to that country.

5) Includes nil thousands of cubic metres of United States oil re-exported to that country.

6) Includes 3,409.3 thousands of cubic metres of United States oil re-exported to that country.

Source: SC, *Oil Pipeline Transport*.

Table 19.18

Pipeline Movements of Liquified Petroleum Gases and Petroleum Products, Canada and Ontario, 1974-1981

	1974		1975		1976		1977	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario	Canada[1]	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From processing plants	8,906	1,053	9,500	1,419	9,855	1,502	11,974	3,253
From refineries and bulk plants	19,790	12,750	20,649	12,327	24,907	13,510	24,325	12,575
Imports	158	158	455	455	598	598	769	769
From other carriers	804	–	1,672	–	1,623	–	1,040	–
From other	156	–	160	–	125	–	1,283	–
Net receipts-Total	29,814	13,961	32,436	14,201	37,108	15,610	39,391	16,598
Transfers								
From other provinces	15,479	5,267	18,846	5,994	24,872	7,205	26,132	7,847
Gross receipts-Total	45,293	19,228	51,282	20,195	61,980	22,815	65,523	24,445
Disposition								
Net deliveries								
To refineries	1,423	555	2,255	727	4,843	1,125	5,333	819
To other carriers	–	–	–	–	–	–	481	–
To bulk plants and terminals	22,388	17,380	23,539	17,968	25,202	19,497	26,068	20,615
For export	3,116	1,264[2]	2,952	1,445[3]	4,210	2,123[4]	4,412	2,796[5]
To other	2,693	–	3,448	–	2,669	26	3,257	128
Net deliveries-Total	29,620	19,199	32,194	20,140	36,924	22,771	39,551	24,358
Transfers								
To other provinces	15,479	–	18,846	–	24,872	–	26,132	87
Gross deliveries-Total	45,099	19,199	51,040	20,140	61,796	22,771	65,683	24,445
Pipe line fuel and use	–	–	–	–	5	–	12	–
Line losses and unaccounted for	41	−3	17	−7	63	6	−36	48
Inventory changes	153	32	225	62	116	38	−136	−48
Disposition-Total	45,293	19,228	51,282	20,195	61,980	22,815	65,523	24,445

Table 19.18 (cont'd.)

Pipeline Movements of Liquefied Petroleum Gases and Petroleum Products, Canada and Ontario, 1974-1981

	1978		1979		1980		1981^p	
	Canada[1]	Ontario	Canada[1]	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres							
Receipts								
Net receipts								
From processing plants	10,245	3,220	9,969	2,036	10,457	1,458	11,174	2,191
From refineries and bulk plants	26,121	11,976	30,991	15,633	32,657	16,239	32,607	15,981
Imports	1,138	1,138	1,408	1,368	1,323	1,323	1,123	1,123
From other carriers	746	–	734	–	1,274	–	1,127	142
From other	1,697	153	2,689	–	387	–	1,520	63
Net receipts-Total	39,947	16,487	45,791	19,037	46,098	19,020	47,551	19,500
Transfers								
From other provinces	21,316	6,529	24,752	5,551	23,439	5,586	22,824	5,279
Gross receipts-Total	61,263	23,016	70,543	24,588	69,537	24,606	70,375	24,779
Disposition								
Net deliveries								
To refineries	4,811	651	4,886	864	3,827	924	2,802	927
To other carriers	428	–	526	75	–	–	–	–
To bulk plants and terminals	25,121	19,181	26,799	20,240	23,722	19,170	22,560	18,347
For export	4,932	3,078[6]	7,094	2,994[7]	6,659	4,051[8]	6,575	3,752[9]
To other	4,510	25	6,142	81	11,757	288	15,401	1,875
Net deliveries Total	39,802	22,935	45,447	24,254	45,965	24,433	47,338	24,901
Transfers								
To other provinces	21,316	9	24,752	36	23,439	5	22,824	40
Gross deliveries-Total	61,118	22,944	70,199	24,290	69,404	24,438	70,162	24,941
Pipe line fuel and use	11	–	21	–	7	–	7	–
Line losses and unaccounted for	−3	2	34	40	9	−11	−40	−77
Inventory changes	137	70	289	258	117	179	246	−85
Disposition-Total	61,263	23,016	70,543	24,588	69,537	24,606	70,375	24,779

1) Includes movements and inventory changes in Manitoba and the United States.
2) Includes 193,555 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
3) Includes 411,093 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
4) Includes 670,492 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
5) Includes 691,399 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
6) Includes 1,150,888 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
7) Includes 1,163,672 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
8) Includes 1,097,392 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.
9) Includes 973,225 cubic metres of U.S. liquefied petroleum gas re-exported to the United States.

Source: SC, *Oil Pipeline Transport*.

Table 19.19

Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1976-1981

	1976		1977		1978	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
	thousands of cubic metres					
Receipts						
By transport systems						
Fields	3,085,526	–	2,640,778	–	2,425,032	–
Processing Plants	57,003,008	–	59,748,230	–	57,026,811	–
By distribution systems						
Fields	6,371,157	138,636	7,213,373	238,209	6,984,964	311,199
Processing plants	3,180,337	–	3,785,449	–	3,656,483	–
Imports	114,756	113,481	822	–	1,844	–
Other receipts[1]	442,282	6,232	470,185	29,121	561,413	164,665
Total net receipts	70,197,066	258,349	73,858,837	267,330	70,656,547	475,864
Received from storage	3,763,013	3,340,759	4,045,923	3,474,098	3,995,612	3,469,517
Total supply of gas utilities	73,960,079	3,599,108	77,904,760	3,741,428	74,652,159	3,945,381
Transfers from other provinces	...	22,485,970	...	23,047,417	...	22,368,564
Total gross receipts	73,960,079	26,084,898	77,904,760	26,788,845	74,652,159	26,313,945
Disposition						
Sales						
Residential	8,862,250	3,850,688	8,891,515	3,731,513	9,319,943	3,914,319
Commercial	8,353,455	4,329,117	8,424,698	4,276,739	9,025,028	4,567,814
Industrial	21,619,213	10,998,567	23,230,842	10,814,719	23,400,283	10,191,367
Total sales	38,834,918	19,178,372	40,547,055	18,822,971	41,745,254	18,673,500
Exports	27,012,578	364,749	28,319,765	419,620	24,960,356	356,929
Other deliveries	940,371	6,714	1,431,180	36,175	1,348,396	7,046
Total net deliveries	66,787,867	19,549,835	70,298,000	19,278,766	68,054,006	19,037,475
Delivered to storage	4,302,546	3,004,564	4,994,284	4,222,095	4,549,806	3,689,593
Line pack fluctuation	115,010	991	76,909	963	48,959	1,864
Gas used in system	2,349,880	534,433	2,672,929	607,179	2,149,126	502,115
Line losses and unaccounted for	404,776	560,835	−137,362	120,960	−149,738	236,441
Total demand on gas utilities	73,960,079	23,650,658	77,904,760	24,229,963	74,652,159	23,467,488
Transfers to other provinces	...	2,434,240	...	2,558,882	...	2,846,457
Total disposition	73,960,079	26,084,898	77,904,760	26,788,845	74,652,159	26,313,945

Table 19.19 (cont'd.)

Receipts and Disposition of Natural Gas Utilities, Canada and Ontario, 1976-1981

	1979		1980		1981^p	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
			thousands of cubic metres			
Receipts						
By transport systems						
Fields	2,737,705	–	2,763,735^r	–	2,463,869	–
Processing Plants	61,968,996	–	55,512,633	–	54,630,865	–
By distribution systems						
Fields	6,012,311	291,676	6,589,540^r	363,093	6,847,319	417,566
Processing plants	4,613,635	–	4,960,459	–	3,905,683	–
Imports	2,161	–	3,189	–	3,016	–
Other receipts[1]	951,788	226,646	703,007	212,225	624,308	237,271
Total net receipts	76,286,596	518,322	70,532,563	575,318	68,475,060	654,837
Received from storage	3,964,154	3,659,065	4,834,896	4,314,577^r	3,786,185	3,378,533
Total supply of gas utilities	80,250,750	4,177,387	75,367,459	4,389,895^r	72,261,245	4,033,370
Transfers from other provinces	. . .	22,326,558	. . .	21,937,141	. . .	23,648,201
Total gross receipts	80,250,750	26,503,945	75,367,459	26,827,036^r	72,261,245	27,681,571
Disposition						
Sales						
Residential	9,602,586	3,958,641	9,616,146	4,033,677	9,795,454	4,086,889
Commercial	9,264,172	4,534,483	10,119,984	4,771,760	10,128,212	4,849,574
Industrial	24,628,329	10,421,808	23,519,366	9,836,031	22,962,787	9,553,037
Total sales	43,495,087	18,914,932	43,255,496	18,641,468	42,886,453	18,489,500
Exports	28,343,952	496,159	22,562,842^r	588,400	21,583,826	1,210,703
Other deliveries	1,601,121	1,263	2,258,135	119,403	624,823	164,172
Total net deliveries	73,440,160	19,412,354	68,076,473^r	19,349,271	65,095,102	19,864,375
Delivered to storage	4,659,012	3,483,553	4,441,008	3,387,292	4,319,086	3,576,567
Line pack fluctuation	103,401	63,002	16,814	−1,288	57,388	5,033
Gas used in system	2,439,941	503,147	2,041,865^r	502,829	2,138,923	618,842
Line losses and unaccounted for	−391,764	−7,428	791,299^r	355,699^r	650,746	98,164
Total demand on gas utilities	80,250,750	23,454,628	75,367,459	23,593,803^r	72,261,245	24,162,981
Transfers to other provinces	. . .	3,049,317	. . .	3,233,233	. . .	3,518,590
Total disposition	80,250,750	26,503,945	75,367,459	26,827,036^r	72,261,245	27,681,571

[1] Includes peak shaving and enrichment.

Source: SC, *Gas Utilities*.

Table 19.20

Share Index of Consumption of Energy[1] per Person per Sector of the Economy by Province, 1979 and 1980

1979	Ontario	Quebec	Atlantic Provinces	Manitoba	Sask.	Alta.	B.C.	Yukon & N.W.T.	Canada Consumption per person
	Share Index[2]								10⁹ joules
Agriculture	0.42	0.43	0.37	2.22	5.06	3.30	0.52	0.31	8.31
Forestry	0.51	0.76	0.65	0.29	0.01	0.36	4.64	0.74	1.27
Mines	0.48	0.83	1.43	0.52	3.33	2.31	0.81	10.06	10.13
Manufacturing	1.29	0.87	0.74	0.51	0.35	1.14	0.95	0.08	71.63
Construction	0.62	1.17	0.58	0.96	1.57	2.24	0.99	2.77	2.42
Total Transportation	0.92	0.84	1.00	1.05	1.29	1.43	1.18	1.19	80.20
Railways	0.80	0.47	0.70	2.56	1.62	2.86	0.93	0.42	3.94
Airlines	0.91	0.84	0.79	1.29	0.33	1.69	1.40	4.62	5.79
Marine	0.73	1.16	2.65	0.01	–	–	1.62	0.07	5.83
Pipelines	0.57	0.00	–	2.83	6.63	2.05	2.11	0.21	4.15
Road Transport & Urban Transit	0.88	0.73	0.97	0.96	1.68	1.78	1.22	2.14	13.58
Retail Pump Sales	1.01	0.93	0.94	0.89	1.41	1.31	1.03	0.78	46.91
Commercial and Other Institutional	0.94	0.79	0.58	1.23	0.95	2.29	0.98	1.69	31.52
Residential	1.05	0.94	0.88	0.95	1.24	1.27	0.82	0.78	49.52
Public Administration[3]	0.92	0.85	1.66	1.22	1.07	0.88	0.83	9.14	5.34
Producer Consumption	1.03	1.07	1.18	0.78	0.62	1.01	0.82	0.50	16.83
Non-Energy Use	1.12	0.83	0.37	0.32	0.60	2.89	0.53	0.47	22.36
Adjustments	−1.60	2.20	5.16	0.75	−2.70	−20.74	3.40	0.84	−1.02
Net Supply	1.02	0.87	0.86	0.87	1.10	1.52	0.97	1.25	298.51

Table 19.20 (cont'd.)

Share Index of Consumption of Energy[1] per Person per Sector of the Economy by Province, 1979 and 1980

1980	Ontario	Quebec	Atlantic Provinces	Manitoba	Sask.	Alta.	B.C.	Yukon & N.W.T.	Canada Consumption per person
					Share Index[2]				10^9 joules
Agriculture	0.59	0.47	0.41	1.87	4.73	3.48	0.45	0.29	7.92
Forestry	0.61	0.76	0.59	0.29	0.01	0.34	4.38	0.36	1.20
Mines	0.45	0.70	1.51	0.64	3.87	2.05	1.08	10.71	8.98
Manufacturing	1.26	0.96	0.78	0.47	0.41	0.97	0.92	0.11	69.20
Construction	0.65	0.88	0.65	0.85	1.50	2.92	1.05	2.10	2.03
Total Transportation	0.91	0.85	0.95	1.05	1.29	1.45	1.22	1.13	80.57
Railways	0.77	0.46	0.49	2.66	1.38	3.20	0.98	0.39	3.94
Airlines	0.93	0.79	0.77	1.21	0.35	1.69	1.46	4.48	5.79
Marine	0.52	1.41	2.25	0.00	–	–	2.10	–	6.29
Pipelines	0.67	0.00	–	3.10	7.14	1.77	1.65	–	3.49
Road Transport & Urban Transit	0.80	0.68	0.95	1.08	1.93	1.95	1.29	1.99	13.81
Retail Pump Sales	1.02	0.92	0.91	0.88	0.96	1.30	1.05	0.77	47.25
Commercial and Other Institutional	0.90	0.76	0.58	1.18	0.86	2.65	0.93	2.00	33.25
Residential	1.09	0.94	0.91	0.90	1.13	1.15	0.82	0.81	49.05
Public Administration[3]	0.82	0.98	1.68	1.00	1.00	0.87	0.92	11.06	5.07
Producer Consumption	1.04	1.10	1.16	0.78	0.63	0.90	0.72	0.73	16.62
Non-Energy Use	0.96	0.76	0.32	0.29	0.52	3.88	0.50	0.28	23.75
Adjustments	9.71	−33.48	66.78	141.19	57.07	−137.55	39.02	−179.70	0.06
Net Supply	1.00	0.87	0.85	0.86	1.08	1.62	0.96	1.25	297.69

1) Energy commodities included where applicable:
- Primary Sources: coal, crude oil, natural gas, gas plant L.P.G.'s, Hydro and nuclear electricity.
- Secondary Sources: coke, coke oven gas, refinery L.P.G.'s, still gas, motor gasoline, kerosene, diesel fuel oil, light fuel oil, heavy fuel oil, petroleum coke, aviation gas, aviation turbo fuel, non-energy products, thermal electricity.

2) Share Index Ontario: e.g. Ontario's Net Supply of Energy 2,563,641 terajoules ÷ Ontario's population 8,574,400 = 298.99 gigajoules per individual: 298.99 ÷ Canada's 298.51 gigajoules per individual = 1.00 (rounded). Ratio greater than 1 indicates above average use of energy for each sector.

3) Includes Street Lighting.

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch, based on SC Catalogue 91-201 Annual, *Estimates of Population for Canada and the Provinces, June 1, 1981.* SC Catalogue 57-003 Quarterly, *Quarterly Report on Energy Supply-Demand in Canada, 1979-IV and 1980 IV.*

Table 19.21

Program Funding Allocations by the Federal[1] and Ontario Governments for Alternative and Renewable Energy and for Energy Conservation

	Solar	Wind	Biomass	Other	Conservation
	$ Million				
Canada (Federal Government)	135.9[2]	2.09[3]	187.572[4]	238.7[5]	114.0[6]
Ontario[7] (Provincial Government)	5.2	0.3	7.7	11.3	26.9
Other Provincial[8] Governments	1.8	0.72	3.878	–	2.4
Ontario Hydro[9]	1.78	0.103	0.085	17.19	9.89

1) Federal Interdepartmental Energy R & D Expenditures designated for 1978-80 are $108.8 mil in the renewable energy conservation fields.
Since the Federal Government's renewable energy and energy conservation program funding allocations are still under review at the time of compilation of this table, the amounts shown for Canada and other Provincial Governments remain unchanged.
2) The PUSH:, 1979-1984; LEBDA and RFP programs.
3) The RAP and PILP, NRC and Federal Departments programs.
4) The BELG 1980-84; DRECT 1980-85; ENFOR 1980-84; NRC and Federal Departments programs.
5) The AERD; IRAP 1980-85; MINI-IRAP, Provincial & Joint Federal-Provincial, NRC and Federal Departments programs.
6) The F.I.R.E. 1978-85; RAP, IERD, Unsolicited Proposals, NRC and Federal Departments programs.
7) 1982-83 Printed Estimates for Ministry of Energy.
8) 105 R & D projects representing $10.3 mil. in 1978-79.
9) For Ontario Hydro, see definitions.

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch, based on the following releases:
- Reports E179-1 (Cat. No. M23-13/79-1), *New Energy/New Opportunities Programs to Develop Renewable Energy and Conservation*, and ER79-5 (Cat. No. M23-14/79-5, June 1979), *Estimated Energy R & D Funding by Provincial Governments in 1976-7, 1977-8 and 1978-9* by Energy, Mines and Resources Canada.
- NRC No. 17978, DEC. 1979, *Renewable Energy Research and Development in Canada* by National Research Council Canada.
- Ontario Hydro's Energy Conservation Department.
- Ministry of Energy estimates, 1982-83.

Table 19.22
Ratio of Value of Shipments of Goods of Own Manufacture to Cost of Fuel and Electricity, Canada and Provinces, 1957-1979

	Canada	Ontario	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon & Northwest Territories
						Per cent						
1957	45.1	48.8	15.6	59.0	37.2	21.8	43.0	54.6	45.2	55.2	42.1	74.2
1958	45.5	49.1	16.6	63.4	40.8	23.5	44.2	62.2	46.2	56.1	37.4	116.0
1959	46.4	49.3	17.9	58.8	42.2	22.7	45.5	61.3	47.5	55.4	39.5	52.8
1960	46.2	48.7	18.7	61.8	39.4	24.6	46.4	58.7	45.1	52.7	39.8	59.8
1961	45.4	48.7	19.3	64.8	38.0	25.6	44.8	45.0	42.6	53.9	39.8	66.0
1962	47.7	51.8	19.3	58.3	38.5	25.8	47.3	45.8	42.9	56.3	40.5	49.2
1963	49.6	54.7	20.4	58.8	41.5	27.6	48.1	47.4	45.2	55.1	41.7	47.0
1964	50.2	55.8	20.0	56.5	41.9	27.9	47.3	51.8	44.1	56.8	42.7	69.5
1965	50.2	56.2	20.1	56.9	41.0	24.0	47.6	49.0	45.5	57.1	41.9	42.3
1966	51.0	57.3	21.6	57.0	43.3	24.0	48.1	50.9	48.5	58.9	41.7	46.7
1967	51.3	57.5	20.1	58.9	41.4	24.4	49.2	50.4	47.3	62.9	40.0	55.4
1968	52.0	58.9	20.7	52.9	40.0	25.9	49.7	46.9	44.5	62.9	41.0	59.7
1969	53.4	61.6	20.9	55.9	39.9	26.8	50.2	48.5	43.6	63.1	41.9	56.2
1970	51.3	57.5	19.6	61.3	42.4	25.8	49.4	47.9	43.9	65.4	40.9	89.4
1971	50.3	57.6	21.3	57.4	30.3	23.2	47.8	48.7	47.5	67.2	38.7	48.8
1972	52.1	59.3	22.0	72.2	34.2	24.0	48.6	52.8	48.8	71.4	42.7	35.4
1973	54.6	61.8	22.4	73.0	39.7	25.1	50.2	58.5	53.3	76.4	46.6	50.9
1974	50.8	59.8	25.9	57.9	32.5	20.3	45.9	59.7	57.6	79.6	41.5	48.5
1975	49.0	56.1	24.9	48.6	35.4	21.5	44.6	51.4	52.0	71.8	40.7	54.0
1976	42.3	46.7	19.7	49.3	23.0	19.5	42.1	42.7	40.6	56.9	36.2	47.1
1977	39.0	42.4	23.6	44.9	21.9	17.2	39.2'	38.7'	34.8	52.3	34.9	31.5
1978	38.0	42.4	22.3	48.7	19.8	17.6	37.1	36.9	33.7	43.1	35.9	33.2
1979	39.2	43.8	22.6	49.2	21.0	18.2	37.5	39.7	36.2	49.3	36.6	31.9
20 Years	45.4	50.9	22.0	53.7	27.9	20.9	43.7	45.9	42.5	56.9	39.0	42.1

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch, **based on SC publication 31-203**

Section
20

Manufacturing

Highlights

- **Principal Manufacturing Statistics** – The number of manufacturing establishments in Ontario has remained fairly constant since 1955. In 1979, 14,104 establishments were recorded, representing a 6.2 per cent increase since 1955. The total number of employees, on the other hand, rose from 613,900 in 1955 to 913,612 in 1979, an increase of 48.8 per cent. The value of shipments of goods of own manufacture rose by 17.1 per cent over the corresponding 1978 total to reach $76.2 billion.

  Metal Fabricating Industries with 2,515 establishments, and Printing, Publishing and Allied Industries with 1,784 had the most establishments of any Ontario industry group in 1979, representing 17.8 per cent and 12.6 per cent respectively, of the total number of establshments. The Transportation Equipment and Metal Fabricating industry groups employed the highest number of the total workforce of 913,612; Transportation Equipment employed 13.5 per cent and Metal Fabricating, 10.2 per cent of the total.

  In 1979 and 1978, of the 14,104 and 13,079 manufacturing establishments respectively, incorporated companies controlled 84.9 per cent and 85.0 per cent respectively, individual owners controlled 10.5 per cent and 10.3 per cent respectively, and partnerships and co-operatives controlled 4.3 per cent and 4.4 per cent respectively.

  Of the leading manufacturing industries in Ontario in 1979, Motor Vehicle Manufacturers, with only 10 establishments, led in cost of materials and supplies used and value of shipments of goods of own manufacture. Cost of materials and supplies used amounted to $7.4 billion or 16.2 per cent of the Ontario total, and value of shipments of goods of own manufacture, $9.1 billion or 11.9 per cent of the Ontario total.

- **Destination of Manufacturers Shipments** – Ontario's manufacturing Shipments increased from $20.0 billion in 1967 to $76.2 billion in 1979. These shipments were predominantly destined for locations in Ontario, Quebec and outside Canada, in keeping with the trend of previous years. In the three years reported the total shipments to these three destinations, as a percentage of total shipments to all destinations, were 85.5 per cent (1967), 81.9 per cent (1974) and 82.5 per cent (1979). The outside Canada shipments percentages in these three years were respectively 14.5 per cent, 20.3 per cent and 22.8 per cent showing a steady increase in the size of the export shares of all Ontario's manufacturing shipments. In the same period both Ontario and Quebec markets have proportionately declined as recipients of shipments of Ontario manufactured goods; for Ontario this decline was from 57.8 per cent (1967) to 49.3 per cent (1979); for Quebec the decline was from 13.2 per cent (1967) to 10.5 per cent (1979).

- **Selected Production Statistics** – In 1960, the total number of motor vehicles produced amounted to 397,739; by 1967 this figure had reached 919,508, an increase of 131.2 per cent; by 1981 it had reached 1.3 million, an increase of 43.9 per cent over 1967, and a decrease of 3.7 per cent from 1980. Of the 1981 total production, passenger cars accounted for 60.7 per cent and motor trucks and buses, 39.3 per cent.

  The Ontario Gross Domestic Product (G.D.P.), standing at $38,530.2 million in 1979 increased 13.9 percent from the previous year. Manufacturing was the predominant industry generating 50.3 percent of the G.D.P. in this industry in 1979. This compares with 37.1 percent for the Ontario share of the total G.D.P.

  G.D.P. in constant (1971) prices standing at $116,425.2 million in 1980 increased 0.3 percent from the previous year. The increase from 1978 to 1979 was 3.6 percent. For the two industries generating the largest G.D.P. the 1971 constant dollar changes from 1979 to 1980 were as follows: manufacturing $25,460.1 million (1980) — a 2.8 percent decrease; community, business and personal services $22,913.9 million (1980) — a 1.2 percent increase.

Definitions

Establishment — Smallest operating unit capable of reporting certain specified input and output data; usually a plant or mill.

Cost of Materials and Supplies — Generally, consumption of purchased items only, at laid-down cost including transportation, handling charges, duties, etc. Includes transfers between units of the same company, contract work done by others. At the manufacturing activity level, this item represents purchased items used in manufacturing operations.

Cost of Fuel and Electricity — Consumption of purchased fuel and electricity only, at laid-down cost including transportation, handling charges, duties, etc. Applies to large establishments only, as small establishments are included in cost of materials and supplies. Data for non-manufacturing activity included and manufacturing activity.

Value of Shipment of Goods of Own Manufacture — Goods made by reporting establishment, or for its account, from its own materials, net of discounts, returns, allowances, sales tax, excise taxes, duties, returnable containers and common or contract carriers' charges for outward transportation (but not of own carriers' delivery expense). Includes repair and custom revenue, transfers to reporting units of same firm, all exports, book value of own products shipped the first time on a rental basis. Unsold domestic consignment shipments are included in inventory. Integrated smelters' work on own ore valued at imputed charge to mine, treated as production under shipments heading.

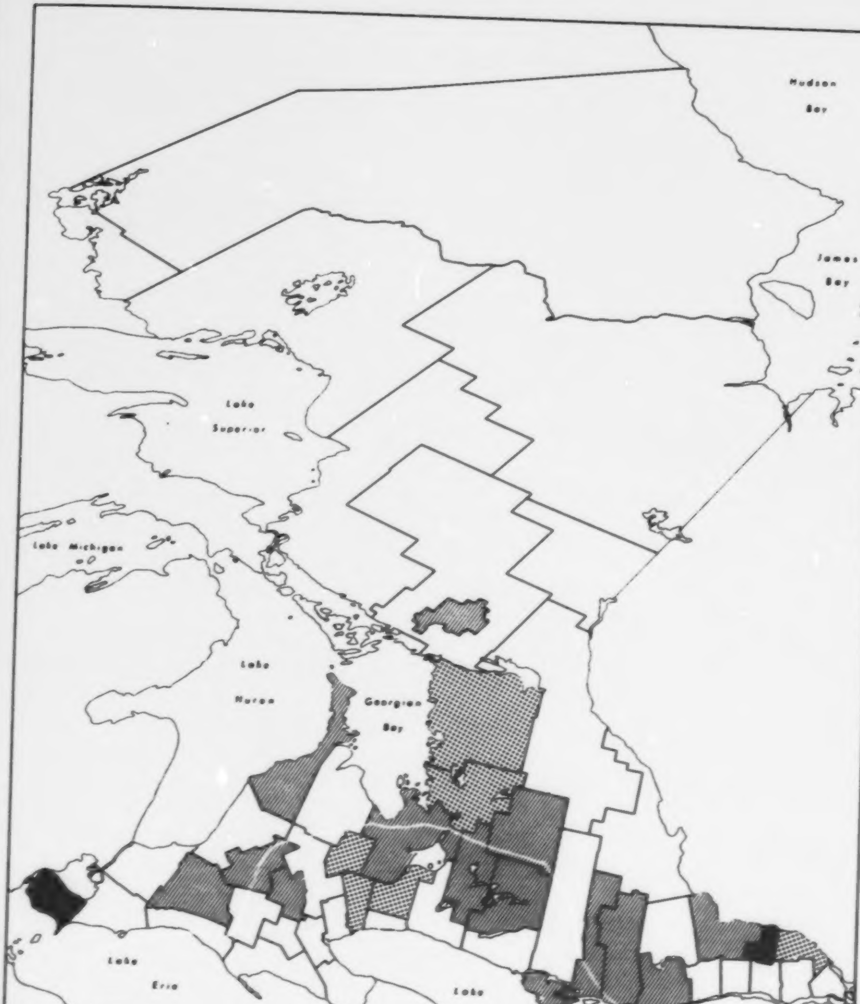
Employees, Salaries and Wages — Salaries and wages are reported before deductions for income tax and employee portion of employer benefits and comprise all man-hours paid (for regular work, overtime, and paid leave) as well as bonuses, commissions paid to regular employees. Production and related workers in manufacturing activity include those employees engaged in processing, assembling, storing, inspecting, handling, packing, maintenance, repair, janitorial, watchman services and working foreman. (Outside pieceworkers remuneration is included in cost of materials).

Value Added – (Census Value Added and Gross Domestic Product Value Added) — Census Value Added is net output as measured by gross output less purchased commodity inputs used.

(a) Value added, manufacturing activity: Value of shipments of goods of own manufacture adjusted for changes in value of inventory of goods in process and finished goods, less cost of materials and supplies used and fuel and electricity.

(b) Value added, total activity: Consists (1) value added, manufacturing activity and (2) value added, non-manufacturing activity. The latter is calculated by subtracting relevant commodity inputs from non-manufacturing revenues or output; these commodity inputs are net of the change in inventories of goods purchased for resale. Non-manufacturing revenues include depreciable fixed assets produced by own work force for own use, revenue from product rentals, etc., but exclude non-operating revenue such as real property rentals, dividends and interest.

Census value added is a concept developed for the Census of Manufacturers. It differs from Gross Domestic Product (value added) to the extent that within the census value added framework, costs of purchased services and overhead charges, such as advertising, insurance, rent and indirect taxes, such as property taxes and license fees, have not been deducted from the gross production of the industry incurring these costs. Conversely, within the Gross Domestic Product framework, these services and overhead expenses are charged against the production of the industry incurring the costs. These expenses account for about 19% of census value added in manufacturing.


Hudson Bay
James Bay
Lake Superior
Lake Michigan
Lake Huron
Georgian Bay
Lake Erie
Lake Ontario
Not to scale

Map 20.A Change in Manufacturing Employment[1], 1974-1979

Percent

Decrease ▩

Increase ☐ 0-19.9

Increase ▨ 20-39.9

Increase ■ 39.9

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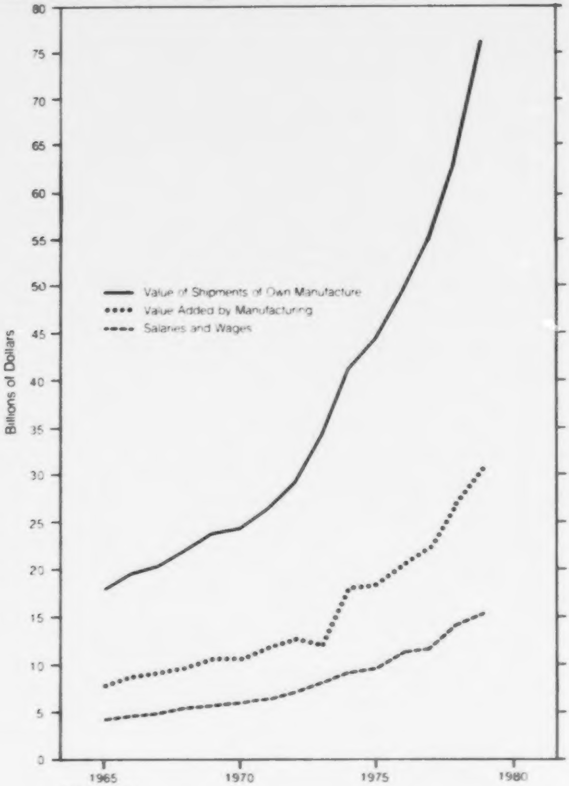
[1] Number of Production and Related Workers by County

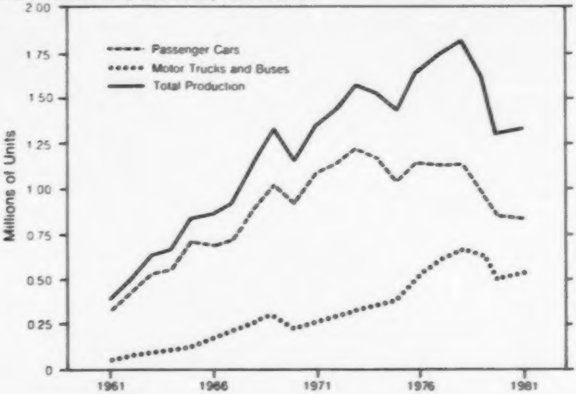
Source: Ministry of Treasury and Economics
Office of Economic Policy
Statistical Services Branch

Graph 20.B
Principal Statistics of Manufacturing, Ontario, 1965-1979



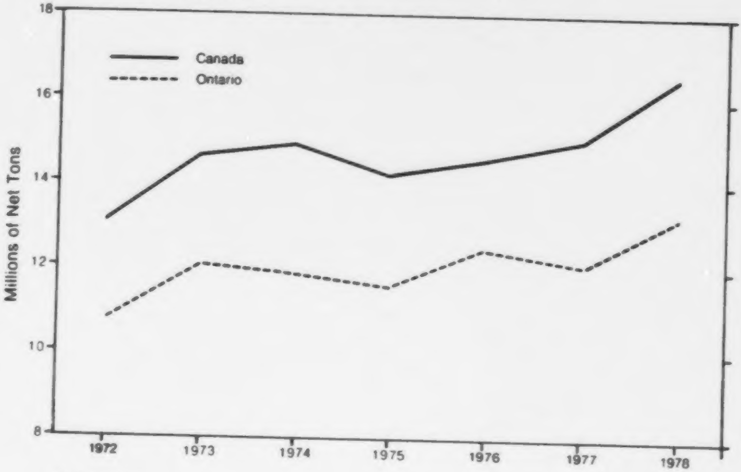
Refer to Table 20.1

Graph 20.C
Motor Vehicle Production, Canada, 1961-1981



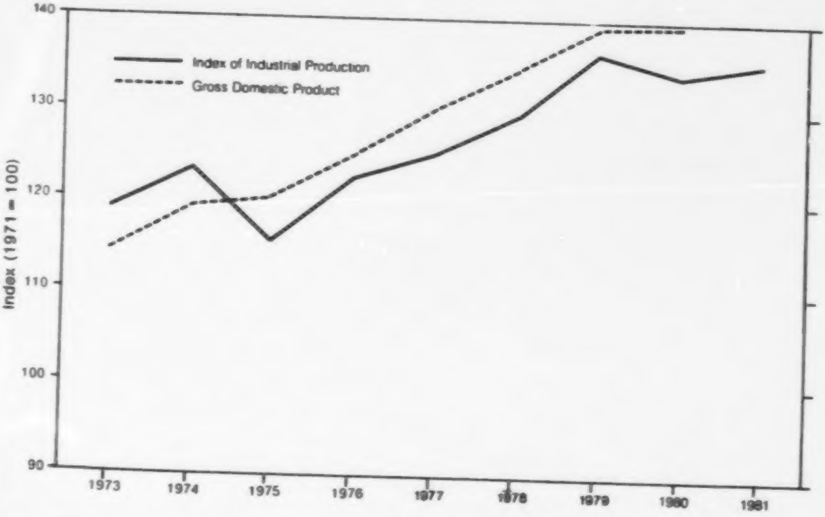
Refer to Table 20.7

Graph 20.D
Annual Production of Steel Ingots and Steel Castings for All Industries, Canada and Ontario, 1972-1978



Refer to Table 20.8

Graph 20.E
Comparison of Gross Domestic Product[1] with the Index of Industrial Production, Canada, 1973-1981



[1] Gross Domestic Product Index at constant prices

Refer to Table 20.9 and SC, *Gross Domestic Product by Industry (61-213)*

Table 20.1

Principal Statistics of Manufacturing, Ontario, 1951-1979

	Establishments	Total Employees[2]	Salaries and Wages[2]	Value Added by Manufacture	Value of Shipments of Goods of Own Manufacture[3]
		'000's		$ Million	
1951	13,025	599.4	1,669.4	3,569.4	8,074.7
1952	13,172	609.7	1,844.2	3,811.1	8,372.2
1953	13,114	634.6	2,018.0	4,130.1	8,876.5
1954	13,178	598.9	1,954.8	3,930.7	8,533.2
1955	13,276	613.9	2,068.9	4,426.7	9,617.6
1956	13,215	641.2	2,310.6	4,668.6	10,655.1
1957	12,162	636.2	2,410.3	..	10,811.1
1958	11,858	599.0	2,391.4	4,740.8	10,579.5
1959	11,727	609.1	2,544.7	5,229.8	11,438.4
1960	12,090	594.3	2,557.4	5,215.2	11,479.3
1961	12,419	638.7	2,859.6	5,244.8	11,563.7
1962	12,585	662.5	3,078.5	5,815.1	12,919.5
1963	12,489	690.5	3,335.6	6,369.5	14,262.2
1964	12,781	728.9	3,666.8	7,067.0	15,843.2
1965	12,766	774.4	4,100.2	7,881.8	17,675.9
1966	12,986	820.4	4,571.7	8,648.2	19,452.6
1967	13,076	818.2	4,822.2	9,032.1	20,259.7
1968	12,932	810.8	5,171.2	9,714.9	21,942.6
1969	12,971	825.5	5,660.9	10,637.0	23,847.6
1970	12,736	806.6	5,942.5	10,524.7	24,009.6
1971	12,740	800.0	6,326.5	11,596.5	26,270.6
1972	12,589	821.6	6,989.6	12,819.9^{r}	29,181.1^{r}
1973	12,397	861.8	7,948.0	12,030.3^{r}	34,300.7^{r}
1974	12,662	883.7	9,074.1	18,128.8	41,404.4
1975	12,245	850.3	9,673.1	18,357.8	44,422.8
1976	11,880	853.8	10,986.1	20,410.7	49,851.3
1977	11,414	843.4	11,982.1	22,534.5	55,585.5
1978^{r}	13,079	880.8	13,369.3	25,909.9	65,111.9
1979	14,104	913.6	15,100.3	30,327.5	76,220.2

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[1] From 1957 onward data are based on Revised Standard Industrial Classification and New Establishment Concept and are not strictly comparable with earlier statistics. From 1961 onward data embody revisions or classification changes, for description of these changes see the 1962 and 1964 issue of Statistics Canada catalogue "Manufacturing Industries of Canada: Section A, Summary for Canada".

[2] Beginning with the 1961 data, some statistics are compiled for "Manufacturing activity" and others for "Total activity". "Total activity" includes non-manufacturing activities of manufacturing establishments and activities of seperate head offices, sales offices and auxiliary units. "Total employees" and "Salaries and wages" in the 1961 and subsequent years' data are thus not comparable with earlier statistics under the same headings.

[3] Prior to 1952, the basis of collection was gross value of products.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, (31-203)

Table 20.2

Principal Manufacturing Statistics by Industry Group, Ontario, 1978 and 1979

1978	Manufacturing								
	Establishments	Production and related workers							
		Male	Female	Wages	Manhours Paid	Cost of Fuel & Electricity[1]	Cost of Materials and Supplies Used[1]	Value of Shipments of Goods of Own Manufacture	Value Added
		Number		$ Million	Million	$ Million			
Food and Beverage	1,467	39,270	15,900	734.5	115.4	118.2	5,605.3	8,556.5	2,875.6
Tobacco Products	10	1,387	800	32.5	4.3	2.8	383.8	557.1	189.3
Rubber	495	19,995	9,049	348.8	59.8	41.7	986.2	1,982.8	948.8
Leather	163	4,187	6,732	102.3	22.6	4.9	254.5	463.3	211.9
Textile Mills	385	12,487	12,033	287.6	50.9	38.7	830.7	1,602.3	726.8
Knitting Mills	83	1,736	4,337	52.1	12.5	3.6	104.6	213.3	107.2
Clothing	431	4,237	17,304	184.2	43.0	3.1	376.6	754.7	383.4
Wood	707	16,077	2,191	216.3	38.4	27.7	541.7	1,078.0	511.1
Furniture and Fixture	802	14,167	4,535	201.6	39.1	8.5	410.5	867.8	451.7
Paper and Allied	319	29,961	4,858	541.1	72.0	228.8	1,616.3	3,145.7	1,307.5
Printing, Publishing and Allied	1,661	19,305	7,494	376.2	53.3	13.9	719.0	2,048.7	1,330.7
Primary Metal	208	55,019	1,972	942.3	113.7	313.0	3,154.3	5,903.8	2,405.3
Metal Fabricating	2,353	60,863	9,455	965.9	148.3	65.3	2,659.4	5,115.3	2,449.5
Machinery	713	35,204	3,287	556.7	80.8	29.2	1,815.4	3,367.4	1,541.1
Transportation Equipment	442	84,560	9,510	1,619.8	206.3	109.6	10,200.4	14,577.4	4,419.8
Electrical Products	567	30,288	19,390	626.3	103.4	35.6	1,704.5	3,586.9	1,888.9
Non-Metallic Mineral Products	574	17,610	1,839	296.8	41.6	140.7	632.7	1,646.9	869.7
Petroleum and Coal Products	37	3,064	65	69.3	6.9	49.8	2,903.5	3,378.0	433.7
Chemical and Chemical Products	593	20,365	5,348	385.1	54.6	284.7	2,215.9	4,377.1	1,958.9
Miscellaneous Manufacturing	1,069	15,586	12,032	291.2	55.8	16.4	995.1	1,889.1	899.6
Total	13,079	485,368	148,131	8,830.7	1,322.6	1,536.3	38,110.2	65,111.9	25,910.5

Table 20.2 (cont'd.)
Principal Manufacturing Statistics by Industry Group, Ontario, 1978 and 1979

	Total Activity							
	Employees							
	Administrative, Office and Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added
1978	Male	Female	Salaries	Number	Salaries and Wages			
	Number		$ Million			$ Million		
Food and Beverage	21,196	8,730	499.4	85,096	1,233.9	6,440.4	9,576.9	3,060.9
Tobacco Products	887	319	24.2	3,393	56.7	396.5	573.5	193.0
Rubber	6,764	2,658	158.8	38,466	507.5	1,284.8	2,354.4	1,021.8
Leather	1,136	702	28.6	12,757	131.0	299.9	523.8	227.0
Textile Mills	3,842	2,052	100.1	30,414	387.7	936.8	1,728.0	746.4
	494	411	14.8	6,978	66.9	107.5	216.1	107.0
Clothing	1,582	1,546	52.4	24,669	236.6	455.2	860.3	410.3
Wood	2,798	876	62.9	21,942	279.3	576.4	1,117.0	515.3
Furniture and Fixture	2,286	1,405	61.1	22,393	262.7	444.6	907.5	457.3
Paper and Allied	7,455	2,935	206.3	45,209	747.4	1,695.4	3,235.1	1,317.8
Printing, Publishing and Allied	12,778	10,363	359.5	49,940	735.7	798.3	2,168.0	1,370.7
Primary Metal	11,830	2,847	318.9	71,668	1,261.2	3,240.2	5,994.6	2,410.3
Metal Fabricating	14,706	5,677	369.4	90,701	1,335.3	2,981.4	5,508.8	2,521.0
Machinery	13,188	4,602	304.5	56,281	861.1	2,304.7	4,094.0	1,778.4
Transportation Equipment	20,956	5,457	568.0	120,483	2,187.8	16,783.3	21,703.9	4,963.5
Electrical Products	19,051	7,045	461.8	75,774	1,088.1	2,400.9	4,524.3	2,129.9
Non-Metallic Mineral Products	5,196	1,825	129.5	26,470	426.3	772.7	1,806.6	889.4
Petroleum and Coal Products	5,111	2,810	184.7	11,050	254.0	3,182.4	3,654.1	430.9
Chemical and Chemical Products	15,779	5,825	416.8	47,317	801.9	2,810.9	5,188.1	2,175.0
Miscellaneous Manufacturing	7,755	4,432	217.7	39,805	508.9	1,281.4	2,337.2	1,061.4
Total	174,790	72,517	4,539.2	880,806	13,370.0	49,193.8	78,072.3	27,787.3

Table 20.2 (cont'd.)

Principal Manufacturing Statistics by Industry Group, Ontario, 1978 and 1979

	Manufacturing								
		Production and related workers							
1979	Establishments	Male	Female	Wages	Manhours Paid	Cost of Fuel & Electricity[1]	Cost of Materials and Supplies Used[1]	Value of Shipments of Goods of Own Manufacture	Value Added
		Number		$ Million	Million	$ Million			
Food and Beverage	1,542	40,066	16,426	818.1	118.0	134.8	6,640.0	9,933.8	3,254.9
Tobacco Products	11	1,439	826	36.7	4.5	3.2	439.1	625.4	205.1
Rubber	531	20,468	9,611	410.4	63.9	48.5	1,302.8	2,457.6	1,164.1
Leather	176	4,260	7,118	113.0	23.3	5.1	327.0	562.9	242.7
Textile Mills	413	12,897	12,562	324.6	52.7	43.8	997.9	1,852.3	846.3
Knitting Mills	87	1,755	4,496	59.2	13.0	3.9	124.8	247.1	124.6
Clothing	458	4,347	17,400	206.9	44.3	3.5	435.9	903.7	495.6
Wood	761	16,929	2,354	252.0	40.8	31.1	690.8	1,319.6	620.4
Furniture and Fixture	926	15,929	4,939	248.6	44.4	9.9	518.7	1,072.6	554.9
Paper and Allied	334	30,532	5,279	600.1	74.5	252.6	2,007.8	3,372.2	1,643.4
Printing, Publishing and Allied	1,784	20,736	8,121	439.5	57.6	16.1	849.1	2,375.2	1,531.4
Primary Metal	237	57,957	2,243	1,098.1	126.4	348.6	4,141.1	7,313.0	2,967.0
Metal Fabricating	2,515	63,151	9,434	1,093.6	152.4	73.6	3,111.1	5,915.7	2,834.3
Machinery	785	39,111	3,445	683.9	89.7	34.3	2,411.5	4,275.1	1,974.8
Transportation Equipment	502	86,715	10,137	1,722.4	202.5	116.8	10,620.2	15,184.5	4,592.4
Electrical Products	618	32,443	19,957	754.9	109.1	40.3	2,251.6	4,417.4	2,287.7
Non-Metallic Mineral Products	595	18,014	1,979	331.2	42.7	168.1	720.3	1,862.8	997.5
Petroleum and Coal Products	40	3,083	72	71.8	7.1	59.0	3,627.3	4,066.6	431.7
Chemical and Chemical Products	612	20,912	5,427	424.2	55.0	327.5	2,960.5	5,711.8	2,507.0
Miscellaneous Manufacturing	1,777	15,688	12,394	330.0	57.2	18.2	1,216.5	2,250.7	1,051.8
Total	14,104	506,432	154,220	10,019.4	1,378.9	1,739.0	45,394.1	76,220.2	30,327.5

Table 20.2 (cont'd.)
Principal Manufacturing Statistics by Industry Group, Ontario, 1978 and 1979

	Total Activity							
	Employees							
	Administrative, Office and Other Non-manufacturing Employees			Total Employees		Cost of Materials, Supplies and Goods for Resale	Value of Shipments and Other Revenue	Value Added
1979	Male	Female	Salaries	Number	Salaries and Wages			
	Number		$ Million			$ Million		
Food and Beverage	21,466	8,786	554.5	86,744	1,372.6	7,746.2	11,264.1	3,479.0
Tobacco Products	900	354	24.7	3,519	61.4	457.5	645.2	206.5
Rubber	7,029	2,709	184.8	39,817	595.2	1,659.1	2,891.3	1,241.4
Leather	1,100	852	31.3	13,330	144.3	381.4	632.5	257.9
Textile Mills	3,822	2,016	109.2	31,297	433.8	1,113.9	1,987.0	865.0
Knitting Mills	525	443	17.0	7,219	76.2	128.9	252.5	126.0
Clothing	1,564	1,646	61.9	24,957	268.8	504.9	990.9	513.9
Wood	2,689	930	68.1	22,902	320.1	745.6	1,383.2	629.2
Furniture and Fixture	2,392	1,480	68.8	24,740	317.4	557.7	1,118.2	561.4
Paper and Allied	7,356	3,005	227.0	46,172	827.1	2,142.0	4,024.5	1,661.6
Printing, Publishing and Allied	12,684	10,068	381.1	51,609	820.6	943.8	2,504.1	1,565.6
Primary Metal	12,257	3,056	362.0	75,513	1,460.0	4,243.2	7,417.0	2,968.9
Metal Fabricating	14,742	5,917	411.8	93,244	1,505.4	3,472.8	6,371.0	2,927.9
Machinery	13,538	4,602	348.2	60,696	1,032.1	3,093.7	5,292.1	2,309.6
Transportation Equipment	20,568	5,541	610.9	122,961	2,333.3	18,135.2	23,446.1	5,339.1
Electrical Products	19,608	7,842	534.6	79,850	1,289.5	3,090.2	5,589.5	2,621.2
Non-Metallic Mineral Products	5,146	1,892	142.2	27,031	473.4	890.1	2,069.8	1,034.7
Petroleum and Coal Products	4,896	2,594	195.6	10,645	267.5	3,944.1	4,380.0	428.3
Chemical and Chemical Products	17,072	7,011	503.5	50,422	927.7	3,886.3	6,910.4	2,779.7
Miscellaneous Manufacturing	8,004	4,858	243.8	40,944	573.8	1,831.2	3,043.7	1,230.1
Total	177,358	75,602	5,081.0	913,612	15,100.3	58,967.7	92,213.2	32,746.9

1) For small establishments, the cost of fuel and electricity is included in the cost of materials and supplies.

Source: SC, *Manufacturing Industries of Canada, National and Provincial Areas*, (31-203)

Table 20.3

Principal Manufacturing Statistics, by County, Ontario, 1977 and 1978

	Manufacturing Activity								
	Production and Related Workers								
1977	Establishments	Male	Female	Wages	Man-hours Paid	Cost of Fuel and Electricity	Cost of Materials and Supplies Used	Value of Shipments of Own Manufacture	Value Added
	Number			$ Million	Million	$ Million			
Ontario	11,414	467,174	138,622	7,899.4	1,262.2	1,310.7	32,268.6	55,585.5	22,534.5
Algoma	71	9,633	553	167.2	19.2	54.8	371.3	809.0	393.0
Brant	196	10,227	2,745	164.5	26.2	13.6	527.9	921.6	385.3
Bruce	59	1,412	348	23.1	3.7	52.3	73.5	167.5	41.3
Cochrane	56	4,735	129	77.7	10.2	31.3	146.9	355.0	174.6
Dufferin	34	560	238	8.9	1.7	0.6	34.9	58.3	23.8
Dundas	21	942	257	12.2	2.5	2.6	139.5	208.7	68.0
Elgin	79	5,859	1,169	86.9	14.2	6.7	852.0	1,043.8	214.8
Essex	398	29,931	3,709	523.5	72.0	48.2	2,680.8	4,272.2	1,573.7
Frontenac	76	3,180	573	53.7	8.1	8.2	173.6	339.9	161.1
Glengarry	25	671	297	9.3	2.0	1.3	47.3	74.7	26.7
Grenville	30	1,658	454	29.1	4.4	15.1	143.6	260.0	100.9
Grey	109	3,327	1,533	49.0	10.2	5.7	130.2	256.0	126.8
Haliburton	11	176	8	1.8	0.4	0.4	2.1	6.2	3.3
Hastings	140	4,530	2,372	74.4	14.1	9.7	228.5	488.5	248.4
Huron	81	2,367	402	29.8	5.6	2.1	102.1	179.0	75.3
Kenora	29	1,937	88	33.4	4.2	17.7	75.4	160.0	67.1
Kent	152	8,190	2,013	131.5	21.3	13.5	554.0	935.0	376.6
Lambton	112	8,027	592	148.5	18.1	128.8	1,861.4	2,642.4	699.5
Lanark	64	1,574	1,024	23.9	5.3	2.1	79.6	153.3	76.2
Leeds	56	2,664	1,193	47.6	8.2	3.7	223.9	377.3	154.4
Lennox-Addington	16	1,227	399	20.0	3.4	11.0	76.2	136.7	50.6
Manitoulin	8	18	5	0.2	–	–	0.8	1.4	0.5
Middlesex	348	10,732	5,424	204.0	33.3	15.3	583.5	1,164.6	562.8
D.M. of Muskoka	46	1,086	110	14.5	2.5	3.5	87.1	129.1	39.8
Nipissing	65	2,031	297	27.1	4.8	6.8	78.4	165.2	79.4
Northumberland	84	3,109	1,030	50.3	8.6	6.3	161.1	378.9	207.4
Oxford	154	5,777	2,066	89.1	15.8	20.6	381.3	662.9	256.7
Parry Sound	33	738	115	8.8	1.7	1.1	24.1	45.1	19.6
Perth	113	4,489	2,653	74.9	14.7	10.7	258.2	453.5	189.4
Peterborough	91	5,121	1,019	83.4	12.7	5.9	199.1	442.6	242.5
Prescott	37	1,529	630	24.6	4.4	6.8	72.6	160.6	81.4
Prince Edward	26	517	205	8.1	1.5	9.2	26.1	64.8	30.0
R.M. of Durham	265	19,498	3,742	368.2	51.5	34.4	2,567.1	3,652.8	1,105.1
R.M. of Haldimand-Norfolk	95	3,330	929	48.8	8.8	6.6	249.1	382.2	126.8
R.M. of Halton	313	14.473	2,930	251.3	37.4	26.4	2,510.9	3,118.5	607.7
R.M. of Hamilton-Wentworth	483	40,426	5,769	680.2	96.4	142.7	2,308.5	4,197.6	1,839.9
R.M. of Niagara	436	28,674	3,379	502.2	70.2	100.9	1,403.5	2,744.4	1,246.8
R.M. of Ottawa-Carleton	260	5,542	1,926	92.4	15.5	7.9	282.5	558.0	273.3
R.M. of Peel	694	23,360	7,690	383.0	64.5	52.2	1,818.0	3,197.0	1,348.5
R.M. of Sudbury	63	6,256	188	86.6	12.8	51.7	75.6	323.6	196.5
R.M. of Waterloo	560	26,933	11,415	461.1	80.1	37.3	1,336.5	2,522.8	1,162.7
R.M. of York	441	10,060	3,408	158.0	28.0	11.8	495.9	938.1	439.1
Rainy River	20	1,099	52	20.9	2.4	17.1	56.5	119.7	46.1
Renfrew	101	3,230	1,170	45.5	9.1	5.9	104.5	216.7	112.3
Russell	13	65	8	0.8	0.1	–	5.8	7.0	1.2
Simcoe	230	8,078	3,727	128.0	24.1	14.1	355.9	737.2	354.2
Stormont	64	3,828	711	59.6	9.8	28.3	217.7	389.3	142.1
Sudbury	21	1,419	37	23.0	3.1	8.5	61.7	124.3	53.7
Thunder Bay	106	8,119	466	132.6	17.1	66.9	403.2	804.7	337.4
Timiskaming	40	753	63	9.0	1.7	0.9	20.4	43.0	21.9
Victoria	52	1,416	687	22.1	4.4	2.1	63.6	117.9	52.0
Wellington	207	7,385	2,850	119.8	20.9	15.4	430.8	823.4	380.9
York (Metropolitan Toronto)	4,130	115,256	53,825	2,005.3	349.2	163.9	7,103.7	13,053.6	5,935.1

Table 20.3 (cont'd.)

Principal Manufacturing Statistics, by County, Ontario, 1977 and 1978

	Total Activity								
		Employees Administrative Office and Other Non-Manufacturing Employees			Total Employees				
1977	Establishments	Male	Female	Salaries Paid	Number	Salaries and Wages	Cost of Materials; Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Number		$ Million		$ Million		$ Million	
Ontario	11,414	169,275	68,307	4,082.7	843,378	11,982.1	42,301.7	67,335.3	24,251.2
Algoma	71	2,312	254	57.1	12,752	224.3	377.1	818.8	397.1
Brant	196	3,228	1,206	69.6	17,406	234.1	655.9	1,101.8	437.3
Bruce	59	907	114	23.0	2,781	46.1	88.5	189.5	48.3
Cochrane	56	912	171	20.2	5,947	97.8	153.3	365.4	178.6
Dufferin	34	120	45	2.8	963	11.7	38.7	64.1	25.8
Dundas	21	216	94	4.3	1,509	16.5	165.9	244.2	77.2
Elgin	79	1,109	341	27.2	8,478	114.1	883.8	1,085.0	224.4
Essex	398	6,356	1,736	173.1	41,732	696.6	5,323.3	7,000.6	1,659.7
Frontenac	76	1,231	271	25.5	5,255	79.2	204.7	377.8	168.2
Glengarry	25	112	30	1.8	1,110	11.1	48.2	78.4	29.5
Grenville	30	623	169	14.1	2,904	43.2	197.7	321.6	108.3
Grey	109	818	330	16.6	6,008	65.6	144.1	273.5	130.3
Haliburton	11	25	8	0.5	217	2.3	2.1	6.2	3.3
Hastings	140	1,832	747	36.5	9,481	110.9	274.0	555.4	269.8
Huron	81	413	195	9.1	3,377	38.9	113.5	194.2	79.2
Kenora	29	255	111	6.4	2,391	39.9	82.0	169.2	69.6
Kent	152	1,797	614	39.8	12,614	171.3	586.4	978.7	387.9
Lambton	112	4,222	731	100.5	13,572	257.0	2,036.3	2,865.6	747.8
Lanark	64	535	316	12.0	3,449	35.9	101.2	180.2	81.5
Leeds	56	1,459	575	31.5	5,891	79.2	284.5	453.3	169.9
Lennox-Addison	16	224	61	5.0	1,911	25.0	85.0	146.7	51.8
Manitoulin	8	3	4	0.1	30	0.3	0.8	1.4	0.5
Middlesex	348	5,275	1,923	119.8	23,354	323.8	870.8	1,538.5	649.4
Muskoka	46	191	64	4.3	1,451	18.8	90.1	133.0	40.6
Nipissing	65	518	184	11.2	3,030	38.2	91.5	181.7	82.9
Northumberland	84	957	354	21.3	5,450	71.6	175.6	396.4	210.3
Oxford	154	1,849	781	40.9	10,473	130.0	413.8	699.7	260.9
Parry Sound	33	91	28	1.9	972	10.6	26.6	48.2	20.1
Perth	113	1,336	744	26.9	9,222	101.8	292.9	501.8	203.0
Peterborough	91	2,584	701	56.9	9,425	140.3	249.9	521.2	270.3
Prescott	37	202	72	4.4	2,433	29.0	79.4	168.0	82.0
Prince Edward	26	84	25	1.6	831	9.7	27.2	66.1	30.2
R.M. of Durham	265	4,901	1,713	127.7	29,854	495.9	4,155.1	5,383.5	1,247.7
R.M. of Haldimand-Norfolk	95	587	219	12.7	5,065	61.4	265.6	403.9	132.0
R.M. of Halton	313	4,674	1,789	120.3	23,866	371.6	4,324.3	5,252.8	928.7
R.M. of Hamilton-Wentworth	483	11,033	3,949	272.3	61,177	952.5	2,541.5	4,489.0	1,898.3
R.M. of Niagara	436	6,401	2,039	154.0	40,493	656.1	1,487.0	2,850.0	1,268.8
R.M. of Ottawa-Carleton	260	4,770	1,682	104.7	13,920	197.0	377.0	686.5	307.3
R.M. of Peel	694	12,568	4,347	283.7	47,965	666.7	2,282.6	3,820.0	1,506.8
R.M. of Sudbury	63	2,430	520	56.4	9,394	143.0	83.5	341.3	206.3
R.M. of Waterloo	560	7,970	3,360	174.0	49,678	635.1	1,574.5	2,808.4	1,210.3
R.M. of York	441	2,936	1,442	72.4	17,846	230.4	554.0	1,015.8	458.7
Rainy River	20	123	28	3.6	1,302	24.4	59.1	125.1	48.9
Renfrew	101	730	284	14.0	5,414	59.6	115.9	227.5	111.7
Russell	13	5	3	0.1	81	0.8	5.8	7.0	1.2
Simcoe	230	2,354	898	49.3	15,057	177.3	406.2	798.2	364.9
Stormont	64	802	313	17.5	5,654	77.1	267.8	453.2	155.9
Sudbury	21	270	62	5.7	1,788	28.7	64.9	126.9	53.2
Thunder Bay	106	1,551	421	35.1	10,557	167.6	416.6	820.8	340.1
Timiskaming	40	196	53	3.1	1,065	12.1	21.2	43.9	22.0
Victoria	52	329	125	6.6	2,557	28.7	68.5	124.4	53.6
Wellington	207	2,160	877	47.9	13,292	167.6	486.9	896.3	397.9
York (Metropolitan Toronto)	4,130	60,669	31,184	1,548.0	260,934	3,553.3	8,575.8	14,934.7	6,341.1

Table 20.3 (cont'd.)
Principal Manufacturing Statistics, by County, Ontario, 1977 and 1978

	Manufacturing Activity								
		Production and Related Workers							
1978	Establishments	Male	Female	Wages	Man-hours Paid	Cost of Fuel and Electricity	Cost of Materials and Supplies Used	Value of Shipments of Own Manufacture	Value Added
		Number		$ Million	Million		$ Million		
Ontario	13,079	485,368	148,131	8,830.7	1,322.6	1,536.3	38,110.2	65,111.9	25,910.5
Algoma	83	10,091	617	166.1	20.4	70.2	476.9	1,028.1	482.2
Brant	205	10,096	2,735	176.9	26.1	14.7	590.4	1,032.9	437.2
Bruce	65	1,344	419	24.2	3.7	57.9	85.1	233.5	91.2
Cochrane	61	4,912	146	88.9	10.8	36.8	168.3	390.9	186.4
Dufferin	42	605	251	10.0	1.7	0.7	42.7	71.9	27.4
Dundas	26	915	230	12.4	2.4	3.1	151.9	233.8	79.5
Elgin	97	6,047	1,424	108.9	16.6	7.5	1,377.1	1,615.9	251.6
Essex	452	30,570	4,002	577.4	72.9	56.8	2,678.9	4,375.8	1,605.9
Frontenac	85	3,964	581	66.4	9.6	12.6	332.6	534.2	196.1
Glengarry	22	680	310	10.7	2.1	1.5	54.2	77.8	23.3
Grenville	29	1,555	362	30.9	4.0	19.0	162.1	287.7	107.5
Grey	119	3,268	1,573	53.7	9.9	5.2	137.8	305.7	156.5
Haliburton	12	193	6	2.1	0.4	0.7	2.9	8.1	5.3
Hastings	166	4,960	2,545	87.6	15.6	11.6	270.3	570.2	301.9
Huron	88	2,139	457	29.4	5.2	2.3	123.3	213.9	89.1
Kenora	40	2,050	105	36.6	4.4	17.5	87.3	187.8	82.1
Kent	171	8,515	2,285	154.8	22.5	15.8	645.2	1,076.4	435.4
Lambton	117	7,689	501	155.4	17.8	162.5	2,417.8	3,290.9	743.7
Lanark	77	1,729	1,005	27.7	5.6	2.1	83.0	166.8	82.3
Leeds	62	2,799	1,243	52.2	8.3	3.9	222.3	391.8	173.4
Lennox-Addington	16	1,211	375	21.3	3.4	12.6	88.5	155.4	52.0
Manitoulin	7	16	4	0.2	–	–	0.6	1.2	0.5
Middlesex	403	11,877	5,768	240.1	37.1	17.7	679.6	1,379.2	683.8
D.M. of Muskoka	56	1,191	188	17.2	2.8	4.1	101.2	153.3	51.3
Nipissing	83	2,099	364	31.0	5.1	7.7	89.6	189.3	92.8
Northumberland	103	3,285	1,056	56.6	8.9	7.4	195.7	420.4	219.8
Oxford	168	6,071	2,225	100.8	16.7	24.0	434.0	756.4	298.0
Parry Sound	40	721	109	9.4	1.8	1.5	19.7	43.0	20.9
Perth	119	4,499	2,886	83.6	15.1	11.1	288.4	525.2	226.8
Peterborough	119	4,845	1,138	84.9	12.5	6.5	231.2	496.5	260.8
Prescott	40	1,693	582	30.3	4.6	11.7	117.4	222.7	87.0
Prince Edward	34	497	241	8.9	1.5	10.2	33.8	73.3	31.0
R.M. of Durham	308	20,433	3,940	402.8	53.0	40.2	3,130.5	4,438.2	1,306.5
R.M. of Haldimand-Norfolk	118	3,558	1,196	57.1	9.6	7.9	294.1	450.6	156.8
R.M. of Halton	363	14,776	3,050	281.1	41.3	30.8	2,770.3	3,507.2	743.8
R.M. of Hamilton-Wentworth	546	41,271	6,373	762.6	99.4	174.5	2,707.3	4,975.8	2,077.9
R.M. of Niagara	484	29,014	3,555	553.6	68.9	115.3	1,583.2	3,170.3	1,500.7
R.M. of Ottawa-Carleton	306	6,386	2,140	107.9	17.5	9.0	345.6	685.9	329.0
R.M. of Peel	907	26,862	8,544	471.1	73.2	62.0	2,208.2	3,830.8	1,583.0
R.M. of Sudbury	68	3,282	148	55.8	7.2	48.5	59.6	270.3	162.1
R.M. of Waterloo	648	28,299	11,925	515.0	83.5	41.9	1,556.6	2,889.5	1,301.9
R.M. of York	547	11,544	3,935	193.7	32.2	13.7	616.0	1,184.5	573.1
Rainy River	22	1,082	54	20.0	2.4	16.9	57.5	121.0	47.3
Renfrew	108	3,707	1,228	56.9	10.2	8.2	127.7	261.9	127.7
Russell	23	103	7	1.2	0.2	–	6.9	8.7	1.7
Simcoe	271	8,166	3,760	140.7	24.5	16.4	413.1	841.4	422.0
Stormont	70	4,167	1,032	67.4	10.8	31.3	253.8	465.4	183.8
Sudbury	22	1,410	28	24.9	3.1	10.5	64.4	140.1	63.0
Thunder Bay	118	8,465	493	147.1	18.4	83.4	443.1	890.2	352.4
Timiskaming	44	879	82	11.5	2.0	1.4	22.2	48.2	24.4
Victoria	59	1,448	658	24.7	4.3	2.5	73.1	135.9	61.3
Wellington	229	7,484	2,900	131.8	21.5	17.3	527.1	989.3	432.6
York (Metropolitan Toronto)	4,611	120,866	57,370	2,247.3	370.0	187.9	8,459.7	15,316.9	6,866.3

Table 20.3 (cont'd.)

Principal Manufacturing Statistics, by County, Ontario, 1977 and 1978

	Total Activity								
		Employees Administrative Office and Other Non-Manufacturing Employees			Total Employees				
1978	Establishments	Male	Female	Salaries Paid	Number	Salaries and Wages	Cost of Materials, Supplies and Goods for Resale	Value of Shipments and other Revenue	Value Added
		Number		$ Million		$ Million		$ Million	
Ontario	13,079	174,790	72,517	4,539.2	880,806	13,370.0	49,193.8	78,072.3	27,787.3
Algoma	83	2,402	281	55.3	13,391	221.3	485.6	1,043.1	488.6
Brant	205	3,120	1,202	71.6	17,153	248.5	719.0	1,206.6	482.2
Bruce	65	934	128	25.8	2,825	50.0	91.4	241.2	92.6
Cochrane	61	840	167	20.9	6,065	109.7	176.0	400.8	188.5
Dufferin	42	137	61	3.3	1,054	13.3	49.3	81.5	30.5
Dundas	26	204	96	4.7	1,445	17.2	192.4	282.3	87.6
Elgin	97	1,145	355	30.4	8,971	139.3	1,425.6	1,676.3	263.5
Essex	452	6,519	1,719	190.1	42,810	767.5	5,155.4	6,990.1	1,743.8
Frontenac	85	1,365	333	31.3	6,263	97.7	376.0	591.5	209.9
Glengarry	22	116	19	2.1	1,125	12.7	54.7	79.8	24.8
Grenville	29	597	159	14.2	2,673	45.0	244.8	381.7	118.9
Grey	119	799	329	18.1	5,969	71.8	151.2	321.0	158.4
Haliburton	12	34	10	0.6	243	2.8	2.9	8.1	5.3
Hastings	166	1,973	771	43.2	10,249	130.7	320.4	644.0	325.7
Huron	88	550	171	11.4	3,317	40.8	134.4	229.0	93.1
Kenora	40	262	116	7.9	2,533	44.4	93.2	194.6	83.0
Kent	171	1,827	630	44.6	13,257	199.4	683.7	1,118.8	439.4
Lambton	117	4,247	998	119.1	13,435	274.5	2,757.2	3,651.0	764.5
Lanark	77	508	294	12.4	3,536	40.1	108.0	198.7	89.2
Leeds	62	1,374	554	31.7	5,970	83.9	273.5	458.2	188.6
Lennox-Addington	16	229	63	5.3	1,878	26.5	99.2	166.1	52.0
Manitoulin	7	5	5	0.1	30	0.3	0.6	1.2	0.5
Middlesex	403	5,609	2,078	135.6	25,332	375.8	995.7	1,786.3	774.8
Muskoka	56	222	90	5.3	1,671	22.5	103.7	156.4	51.8
Nipissing	83	556	218	11.6	3,237	42.6	106.0	207.7	94.9
Northumberland	103	1,026	377	23.8	5,744	80.4	211.5	439.7	223.3
Oxford	168	1,997	868	45.2	11,161	146.0	479.3	810.8	307.0
Parry Sound	40	82	32	1.9	944	11.3	24.7	48.8	21.7
Perth	119	1,450	572	30.4	9,407	114.0	331.7	581.1	239.3
Peterborough	119	2,502	714	61.3	9,199	146.3	273.0	557.5	280.0
Prescott	40	362	99	8.0	2,736	38.3	124.5	230.8	88.0
Prince Edward	34	104	33	2.1	875	11.0	36.0	76.1	31.7
R.M. of Durham	308	5,063	1,784	142.7	31,220	545.5	4,934.7	6.316.0	1,380.3
R.M. of Haldimand-Norfolk	118	611	231	13.9	5,596	71.1	318.5	480.0	161.8
R.M. of Halton	363	4,979	1,971	137.9	24,776	419.0	4,861.6	5,886.3	1,031.6
R.M. of Hamilton-Wentworth	546	11,330	3,933	299.3	62,907	1,061.9	2,979.0	5,303.5	2,133.9
R.M. of Niagara	484	6,448	2,154	166.4	41,171	720.0	1,680.1	3,289.4	1,522.9
R.M. of Ottawa-Carleton	306	4,917	1,807	116.8	15,250	224.6	437.1	862.7	414.4
R.M. of Peel	907	13,264	4,730	324.7	53,420	795.8	2,723.7	4,548.6	1,785.4
R.M. of Sudbury	68	2,195	484	55.4	6,109	111.2	64.7	279.2	165.9
R.M. of Waterloo	648	8,088	3,342	189.0	51,654	704.0	1,846.9	3,232.0	1,354.1
R.M. of York	547	3,110	1,583	82.9	20,172	276.6	701.5	1,303.6	606.6
Rainy River	22	145	30	5.9	1,311	25.9	61.2	125.9	48.6
Renfrew	108	755	298	16.9	5,988	73.7	140.6	278.9	131.8
Russell	23	7	3	0.1	120	1.3	6.9	8.8	1.8
Simcoe	271	2,328	1,025	54.2	15,279	194.9	474.7	914.2	433.2
Stormont	70	849	344	20.8	6,392	88.2	322.0	547.7	197.7
Sudbury	22	299	75	6.9	1,812	31.8	68.9	144.4	62.8
Thunder Bay	118	1,675	448	40.2	11,081	187.2	457.7	909.5	367.3
Timiskaming	44	200	50	3.7	1,211	15.2	23.3	49.3	24.5
Victoria	59	348	138	7.6	2,592	32.2	77.9	142.2	62.9
Wellington	229	2,135	884	51.5	13,403	183.4	590.2	1,048.1	448.4
York (Metropolitan Toronto)	4,611	62,947	33,661	1,733.5	274,844	3,980.8	10,142.1	17,541.3	7,408.4

Source: Ministry of Treasury and Economics, Office of Economic Policy, Statistical Services Branch

Table 20.4

Principal Manufacturing Statistics by Type of Ownership, Ontario, 1978 and 1979

1978	Individual Owners	Partnerships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,347	577	11,118	37	13,079
Production and Related Workers					
Male	2,116	2,171	480,535	546	485,368
Female	688	1,410	145,852	181	148,131
Wages ($ million)	28.8	37.7	8,755.4	8.8	8,830.7
Manhours paid (million)	5.8	7.5	1,307.9	1.5	1,322.6
Cost of Fuel and Electricity ($ million)	0.2	1.6	1,532.4	2.0	1,536.3
Cost of Materials and Supplies Used ($ million)	73.7	156.8	37,751.2	128.4	38,110.2
Value of Shipments of Own Manufacture ($ million)	126.3	242.3	64,576.7	166.6	65,111.9
Value Added ($ million)	52.5	84.6	25,739.5	34.0	25,910.5
Total Activity					
Working Owners and Partners	1,326	1,112	–	–	2,438
Administrative Office and Other Non-Manufacturing Employees					
Male Administration	68	316	174,210	196	174,790
Female Administration	68	194	72,103	152	72,517
Salaries ($ million)	1.4	7.5	4,525.6	4.7	4,539.2
Total Employees (Number)	2,940	4,091	872,700	1,075	880,806
Salaries and Wages ($ million)	30.2	45.2	13,281.1	13.4	13,370.0
Cost of Materials, Supplies and Goods for Resale ($ million)	74.3	160.9	48,784.1	174.6	49,193.8
Value of Shipments and Other Revenue ($ million)	126.9	247.2	77,480.8	217.4	78,072.3
Value Added ($ million)	52.5	85.4	27,610.8	38.7	27,787.3

Table 20.4 (cont'd.)

Principal Manufacturing Statistics by Type of Ownership, Ontario, 1978 and 1979

1979	Individual Owners	Partnerships	Incorporated Companies	Co-operatives	Total
Manufacturing Activity					
Establishments	1,484	605	11,980	35	14,104
Production and Related Workers					
Male	2,361	2,249	501,196	626	506,432
Female	819	1,741	151,470	190	154,220
Wages ($ million)	34.8	44.4	9,929.2	11.0	10,019.4
Manhours paid (million)	6.6	8.2	1,362.4	1.7	1,378.9
Cost of Fuel and Electricity ($ million)	.2	2.1	1,734.5	2.2	1,739.0
Cost of Materials and Supplies Used ($ million)	77.6	218.4	44,948.5	149.5	45,394.1
Value of Shipments of Own Manufacture ($ million)	140.2	318.8	75,584.3	176.9	76,220.2
Value Added ($ million)	62.5	106.7	30,131.3	27.0	30,327.5
Total Activity					
Working Owners and Partners	1,472	1,162	–	–	2,634
Administrative Office and Other Non-Manufacturing Employees					
Male Administration	49	312	176,750	247	177,358
Female Administration	58	190	75,228	126	75,602
Salaries ($ million)	1.2	9.4	5,064.3	6.1	5,081.0
Total Employees (Number)	3,287	4,492	904,644	1,189	913,612
Salaries and Wages ($ million)	36.0	53.8	14,993.4	17.1	15,100.3
Cost of Materials, Supplies and Goods for Resale ($ million)	78.4	230.8	58,452.0	206.5	58,967.7
Value of Shipments and Other Revenue ($ million)	141.2	331.5	91,503.0	237.6	92,213.2
Value Added ($ million)	62.7	107.1	32,546.4	30.7	32,746.9

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas*, Catalogue 31-203

Table 20.5

Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1979

Canada Industry	Establishments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
Rank				$'000's		
1 Petroleum refining	41	7,373	172,183	10,775,892	12,143,763	1,397,085
2 Motor vehicle manufacturers	22	39,008	736,841	8,626,168	10,724,399	2,098,812
3 Pulp and paper mills	146	66,878	1,354,854	3,847,566	9,282,403	4,539,127
4 Slaughtering and meat processors	524	25,467	399,014	5,492,497	6,587,418	1,052,901
5 Iron and Steel mills	53	46,977	897,435	3,225,262	5,859,261	2,436,651
6 Sawmills and planing mills	1,308	57,441	1,041,738	3,175,556	5,676,033	2,609,602
7 Motor vehicle parts and accessories	294	45,340	794,155	2,332,292	4,472,779	2,110,910
8 Misc. machinery and equipment mfrs.	1,189	48,053	750,137	2,186,680	4,280,346	2,175,635
9 Dairy products	472	14,076	215,291	2,855,983	3,789,563	907,225
10 Metal stamping and pressing ind.	698	21,759	335,299	1,928,325	2,913,926	1,001,203
11 Miscellaneous food processors n.e.s.	305	13,348	185,219	1,573,190	2,554,093	964,640
12 Smelting and refining	32	20,675	383,241	871,939	2,413,123	1,333,830
13 Commercial printing	2,341	36,404	538,970	947,729	2,225,352	1,283,091
14 Industrial chemicals (organic) n.e.s.	38	6,389	126,110	1,210,013	2,134,865	792,661
15 Plastic fabricating industry n.e.s.	866	26,453	310,870	1,066,972	1,961,766	893,864
16 Feed industry	602	5,744	80,961	1,534,616	1,895,822	340,078
17 Communications equipment manufacturers	384	25,088	394,249	670,691	1,813,826	1,235,924
18 Rubber products industry	133	20,698	323,550	928,321	1,810,433	896,165
19 Industrial chem. (inorganic) n.e.s.	100	7,007	143,968	598,555	1,630,269	751,081
20 Fish products industry	370	24,096	288,397	965,127	1,502,677	536,439

Table 20.5 (cont'd.)

Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1979

Canada Industry	Establishments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
				$'000's		
Rank						
21 Publishing and printing	635	18,465	291,750	406,637	1,496,000	1,079,033
22 Aircraft and aircraft parts mfrs.	139	23,430	374,640	663,674	1,445,236	1,027,903
23 Mfrs. electrical industrial equipment	251	17,923	252,431	632,349	1,397,785	784,418
24 Men's clothing factories	486	29,553	295,158	734,504	1,378,081	676,731
25 Misc. metal fabricating inds.	609	18,374	252,839	701,817	1,360,951	666,098
26 Women's clothing factories	590	26,968	267,760	707,107	1,311,413	621,933
27 Agricultural implement industry	183	12,718	221,559	718,400	1,232,548	525,273
28 Miscellaneous chemical inds. n.e.s.	374	8,797	126,785	647,698	1,212,031	570,204
29 Mfrs. of plastics and synthetic resins	59	3,288	63,325	741,026	1,173,481	417,808
30 Fruit and veg. canners & preservers	200	9,660	115,525	709,648	1,118,647	425,365
31 Bakeries	1,618	17,853	229,481	493,834	1,087,918	570,050
32 Wire and wire products mfrs.	276	12,177	179,409	618,903	1,085,004	471,424
33 Household furniture mfrs. n.e.s.	844	24,003	274,267	523,750	1,083,394	561,054
34 Miscellaneous paper converters	252	11,667	156,447	611,304	1,076,983	468,882
35 Mfrs. of electric wire and cable	45	6,768	110,680	760,584	1,074,756	334,480
36 Breweries	41	7,419	152,099	308,409	1,067,571	744,493
37 Fab. structural metal ind.	225	13,950	244,605	547,410	1,066,171	518,169
38 Mfrs. pharmaceuticals and medicines	144	6,592	90,400	400,401	1,030,201	632,897
39 Aluminum rolling, casting	67	5,941	89,050	758,388	1,007,205	248,172
40 Poultry processors	89	8,606	105,998	710,868	920,621	220,090

Table 20.5 (cont'd.)

Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1979

Ontario Industry	Establishments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
Rank			$'000's			
1 Motor vehicle manufacturers	10	32,175	608,525	7,355,102	9,066,563	1,701,691
2 Iron and steel mills	22	36,699	713,984	2,635,671	4,788,447	2,039,144
3 Motor vehicle parts & accessories	226	43,861	775,023	2,286,714	4,374,899	2,059,258
4 Petroleum refining	11	2,841	67,011	3,547,980	3,957,609	402,584
5 Misc. machinery and equipment mfrs.	646	28,635	435,047	1,481,333	2,775,942	1,379,496
6 Slaughtering and meat processors	181	9,863	162,591	1,895,092	2,348,934	438,006
7 Pulp and paper mills	37	17,881	348,539	1,029,953	2,233,098	977,118
8 Industrial chemicals (organic) n.e.s.	19	4,909	97,305	911,506	1,593,091	551,224
9 Metal stamping and pressing ind.	341	13,285	205,147	932,468	1,522,798	605,087
10 Miscellaneous food processors n.e.s.	126	7,366	105,215	850,538	1,379,750	516,701
11 Dairy products industry	173	4,584	67,285	1,002,362	1,317,917	308,257
12 Plastics fabricating industry n.e.s.	452	16,860	198,619	677,736	1,239,592	558,054
13 Rubber products industries	79	13,219	211,788	625,077	1,218,024	606,018
14 Commercial printing	1,022	18,173	270,542	476,255	1,160,987	689,034
15 Communications equipment mfrs.	215	15,409	243,272	441,046	1,148,393	746,327
16 Misc. metal fabricating inds.	358	13,060	178,603	540,316	1,030,775	497,210
17 Mfrs. electrical industrial equip.	151	13,870	198,071	445,556	1,025,513	94,463
18 Agricultural; implement industry	65	8,109	160,161	478,796	781,125	319,406
19 Fruit & veg. canners & preservers	99	5,999	72,959	445,353	730,309	288,091

Table 20.5 (cont'd.)

Selected Principal Statistics of the Leading Industries[1], Canada and Ontario, 1979

Ontario Industry	Estab-ish-ments	Production and related workers		Cost of materials and supplies used	Value of shipments of goods of own manufacture	Value added
		Number	Wages			
			$'000's			
Rank						
20 Publishing and printing	242	7,354	114,348	191,195	727,466	530,951
21 Mfrs. of soap and cleaning compounds	55	3,025	50,930	371,518	714,598	354,699
22 Miscellaneous chemical inds. n.e.s.	178	4,492	63,349	391,933	712,046	319,533
23 Miscellaneous paper converters	128	7,544	104,418	388,512	694,816	310,345
24 Hardware, tool and cutlery mfrs.	564	11,783	179,518	226,745	654,743	434,415
25 Instrument & related products mfrs.	138	6,851	92,675	305,985	653,373	365,744
26 Wire and wire products mfrs. n.e.s.	161	7,620	113,302	378,894	652,515	275,103
27 Industrial chem (inorganic) n.e.s.	32	2,591	54,366	207,512	625,423	290,335
28 Mfrs. of plastics and synthetic resins	34	1,567	30,763	403,008	617,721	210,239
29 Feed industry	194	2,106	29,674	472,688	613,357	133,543
30 Aircraft and aircraft parts mfrs.	51	8,749	146,465	275,000	601,480	349,057
31 Mfrs. of electric wire and cable	22	3,845	59,349	433,747	583,181	169,343
32 Mfrs. pharmaceuticals and medicines	77	3,893	51,718	209,243	578,855	374,952
33 Manufacturers of major appliances	28	5,953	85,809	311,610	572,532	270,298
34 Jewellery and silverware ind.	166	3,421	39,921	421,766	559,245	125,026
35 Household furniture mfrs. n.e.s.	341	11,340	133,310	261,524	537,082	276,729
36 Railroad rolling stock industry	9	4,528	81,485	356,733	532,722	209,527
37 Aluminum rolling casting and extruding	37	3,857	58,027	373,552	520,277	132,246
38 Confectionary manufacturers	51	4,608	55,376	243,356	501,849	250,213

1) Rank relates only to industries for which data can be published.

Source: SC, *Manufacturing Industries of Canada: National and Provincial Areas* (31-203).

Table 20.6

Destination of Shipments from Ontario Manufacturers, Selected Years, 1967-1979

Destination	Value of Shipments	Per Cent			
				Change	
		Actual	CUM	In Value of Shipments[1]	Average per year
	$'000	%	%	%	%
1967					
Ontario	11,579,302	57.81	57.81	..	..
Outside Canada	2,901,658	14.49	72.30	..	..
Quebec	2,644,862	13.21	85.51	..	..
Alberta	620,736	3.10	88.61	..	..
British Columbia	747,439	3.73	92.34	..	..
Manitoba	502,704	2.51	94.85	..	..
Saskatchewan	342,889	1.71	96.55	..	..
Nova Scotia	259,788	1.30	97.86	..	..
New Brunswick	237,390	1.19	99.05	..	..
Newfoundland	137,058	0.68	99.73	..	..
Prince Edward Island	34,223	0.17	99.90	..	..
Yukon & N.W.T.	20,603	0.10	100.00	..	..
Unallocated	–	–	–	...	...
Custom Work	–	–	–	...	...
Total	20,028,652	100.00	100.00	..	..
1974					
Ontario	20,845,790	50.35	50.35	+ 80.03	+11.43
Outside Canada	8,422,957	20.34	70.69	+190.28	+27.18
Quebec	4,652,058	11.24	81.93	+ 75.89	+10.84
Alberta	1,136,851	2.75	84.86	+ 83.15	+11.88
British Columbia	1,229,726	2.97	87.65	+ 64.53	+ 9.22
Manitoba	815,239	1.97	89.62	+ 62.17	+ 8.88
Saskatchewan	499,257	1.21	90.83	+ 45.60	+ 6.51
Nova Scotia	472,352	1.14	91.97	+ 81.82	+11.69
New Brunswick	379,991	0.91	92.88	+ 60.07	+ 8.58
Newfoundland	261,874	0.63	93.51	+ 91.06	+13.01
Prince Edward Island	78,895	0.19	93.70	+130.53	+18.65
Yukon & N.W.T.	25,317	0.06	93.76	+ 22.88	+ 3.27
Unallocated	1,832,749	4.43	98.19	...	...
Custom Work	751,302	1.81	100.00	...	...
Total	41,404,361	100.0	100.0	+106.73	+15.25
1979					
Ontario	37,542,162	49.25	49.25	+ 80.10	+16.02
Outside Canada	17,332,473	22.75	72.00	+105.78	+21.16
Quebec	8,018,580	10.52	82.52	+ 72.37	+14.47
Alberta	2,752,743	3.61	86.13	+142.14	+28.43
British Columbia	2,338,302	3.07	89.20	+ 90.15	+18.03
Manitoba	1,438,645	1.89	91.09	+ 76.47	+15.29
Saskatchewan	878,728	1.15	92.24	+ 76.01	+15.20
Nova Scotia	792,858	1.04	93.28	+ 67.85	+13.57
New Brunswick	777,422	1.02	94.30	+104.59	+20.92
Newfoundland	436,764	0.57	94.87	+ 66.78	+13.36
Prince Edward Island	144,314	0.19	95.06	+ 82.92	+16.58
Yukon & N.W.T.	41,457	0.05	95.11	+ 63.75	+12.75
Unallocated	3,725,721	4.89	100.0	...	...
Custom Work	–	–	–	...	...
Total	76,220,169	100.00	100.00	+ 84.09	+16.82

1) From year reported previously (1967-1974 = 7 yrs, 1974-1979 = 5 yrs)

Source: SC, *Destination of Shipments of Manufacturers* (31-522).

Table 20.7

Motor Vehicle Production, Canada, 1951-1981

	Passenger Cars Production	Motor Trucks and Buses Production	Total Production
1951-1955	1,589,765	550,288	2,139,794
1956	374,727	96,623	471,350
1957	340,381	73,196	413,577
1958	297,373	59,045	356,418
1959	301,435	66,504	367,939
1960	325,785	71,954	397,739
1961	323,638	63,285	386,923
1962	424,581	80,606	505,187
1963	532,243	99,113	631,356
1964	559,603	111,387	670,990
1965	706,810	139,799	846,609
1966	684,547	187,667	872,214
1967	708,281	211,227	919,508
1968	889,386	260,832	1,150,218
1969	1,025,994	300,484	1,326,478
1970	923,437	236,067	1,159,504
1971	1,083,201	263,564	1,346,765
1972	1,135,702	294,382	1,430,084
1973	1,227,432	347,388	1,574,820
1974	1,165,635	359,239	1,524,874
1975	1,044,822	379,184	1,424,006
1976	1,146,264	500,488	1,646,752
1977	1,162,427	612,456	1,774,883
1978	1,143,425	675,067	1,818,492
1979	987,673	643,988	1,631,661
1980	846,777	527,522	1,374,299
1981	803,117	519,663	1,322,780

Source: Motor Vehicle Manufacturers Association.

Table 20.8

Annual Production of Steel Ingots and Steel Castings for All Industries[1], by Region, Canada 1973-1978

	1973	1974	1975	1976	1977	1978
			'000's Net Tons			
Canada	14,664.9	14,956.2	14,268.2	14,617.3	15,086.5	16,323.6
Ontario	12,040.0	11,926.0	11,652.1	12,543.2	12,599.5	13,339.3
Atlantic Provinces	812.7	792.8	532.9	418.5	428.5	630.2
Québec	930.6	1,240.1	1,151.0	705.4	1,081.5	1,223.5
Prairie Provinces	796.0	862.6	833.1	843.4	868.9	1,003.5
British Columbia	85.6	114.8	99.1	106.7	108.2	127.0

[1] Includes details from other industries which manufacture as a secondary activity commodities such as steel ingots and steel castings.

Source: SC, *Iron and Steel Mills* (41-203).

Table 20.9

Gross National Product and Index of Industrial Production[1], Canada, 1952-1981

		Index of Industrial Production					
			Manufacturing				
	Gross National Product[3]	Total	Total	Non-Durable	Durable	Mining[4]	Electric Power, Gas and Water Utilities
	$ Million	1971 = 100					
1952	24,588	35.2	38.9	39.8	37.9	25.9	22.2
1953	25,833	37.8	41.7	42.6	40.8	28.2	23.3
1954	25,918	37.8	40.8	43.3	38.2	31.3	25.3
1955	28,528	41.9	44.7	46.5	43.1	37.0	28.4
1956	32,058	46.3	48.9	50.2	47.6	43.0	31.5
1957	33,513	47.1	48.8	51.4	46.2	47.2	33.8
1958	34,777	46.8	47.9	52.3	43.5	47.9	37.0
1959	36,846	50.8	51.4	55.9	46.9	54.2	41.8
1960	38,359	51.9	52.3	57.4	47.1	54.3	45.3
1961	39,646	54.0	54.4	60.2	48.6	55.7	47.9
1962	42,927	58.6	59.4	64.0	54.8	59.6	50.5
1963	45,978	62.3	63.4	67.3	59.5	62.2	53.5
1964	50,280	68.0	69.5	72.6	66.2	67.0	58.0
1965	55,364	73.8	75.8	76.5	75.1	70.5	62.4
1966	61,828	79.2	81.5	81.6	81.5	74.1	67.9
1967	66,409	82.3	83.9	84.0	83.9	79.9	72.6
1968	72,586	87.6	89.1	88.4	89.7	86.2	78.2
1969	79,815	93.6	95.8	94.8	96.8	86.9	85.4
1970	85,685	94.9	94.5	95.7	93.2	98.7	93.3
1971	94,450	100.0	100.0	100.0	100.0	100.0	100.0
1972	105,234	107.6	107.7	108.1	107.4	104.4	111.1
1973	123,560	119.0	119.1	115.8	122.3	117.8	120.3
1974	147,528	122.8	123.4	118.2	128.4	114.0	130.1
1975	165,343r	115.5	116.2	111.6	120.6	100.9	130.5
1976r	191,031	122.2	123.1	119.4	126.6	103.1	142.0
1977r	208,868	125.3	125.5	121.2	129.8	106.1	150.9
1978r	230,353	129.8	131.9	128.1	135.5	97.8	157.5
1979r	261,961	136.6	138.1	135.8	140.3	107.1	166.3
1980	289,859	133.9	133.7	133.8	133.6	109.6	170.4
1981	328,501	135.4	136.0	135.5	136.6	103.3	175.8

[1] Without seasonal adjustment.

[2] Data for 1952 to 1970 have been revised to the 1971 = 100 base from 1961 = 100.

[3] Current dollars at market prices.

[4] Includes milling, quarries and oil wells.

Source: SC, *Gross Domestic Product by Industry*, (61-005) and (61-213)

Table 20.10

Ontario Gross Domestic Product, by Selected Industries, 1971-1979

	Agriculture	Forestry	Fishing	Hunting & Trapping	Mines	Manufacturing	Construction	Electric Power, Gas, Water	Accommodation Food Services	Total
					$ Million					
1971	694.2	100.4	4.7	2.3	642.0	10,271.9	2,073.7	851.3	784.5	15,425.0
1972	825.3	107.6	5.6	3.9	703.8	11,548.5	2,255.7	972.4	862.8	17,285.6
1973	1,194.5	126.5	7.6	5.7	1,082.0	13,524.3	2,618.1	1,116.0	1,004.2	20,678.9
1974	1,358.3	164.2	6.4	4.8	1,453.8	15,758.0	3,107.3	1,295.6	1,196.8	24,345.2
1975	1,549.9	166.0	6.8	4.3	1,128.9	16,012.0	3,363.7	1,372.3	1,353.9	24,957.8
1976	1,445.0	190.3	8.2	6.3	1,261.1	18,207.7	3,637.9	1,664.2	1,574.4	27,995.1
1977	1,601.1	235.0	9.5	7.0	1,203.1	19,858.2	3,731.6	2,149.9	1,741.4	30,536.8
1978	1,731.9	253.1	12.2	10.4	1,222.4	22,485.6	3,682.5	2,444.1	1,998.6	33,840.8
1979	2,147.2	267.6	19.2	16.0	1,707.6	25,838.0	3,706.1	2,564.9	2,263.6	38,530.2

Source: SC, *Provincial Gross Domestic Product by Industry (61-202)*

Table 20.11

Ontario's Proportion of Gross Domestic Product, by Selected Industries, 1971-1979

	Agriculture	Forestry	Fishing	Hunting & Trapping	Mines	Manufacturing	Construction	Electric Power, Gas, Water	Accommodation Food Services	Total
					Percent					
1971	25.8	15.0	3.4	25.0	21.6	53.9	35.5	38.8	36.6	43.2
1972	28.1	14.0	3.4	25.2	21.0	53.9	36.9	40.1	35.7	43.6
1973	25.4	12.9	3.2	26.5	21.5	53.3	35.9	40.7	35.3	42.0
1974	23.3	14.8	3.3	27.9	22.1	52.4	35.0	40.5	34.8	41.1
1975	24.8	15.4	3.8	26.9	16.7	51.3	31.8	38.2	33.9	39.2
1976	24.0	14.4	3.2	25.4	16.0	51.4	30.7	38.2	33.7	39.0
1977	27.9	15.8	3.0	24.5	13.3	51.2	29.6	40.1	33.9	38.9
1978	24.7	15.3	2.4	24.7	12.4	50.6	28.5	38.2	34.6	38.2
1979	26.5	13.5	2.9	27.1	12.4	50.3	26.2	35.3	34.7	37.1

Source: SC, *Provincial Gross Domestic Product by Industry* (61-202)

Table 20.12

Gross Domestic Product by Industry in Constant (1971) Prices, Canada, 1971-1980

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
					$ Million					
Total	83,260.5	88,143.1	95,028.4	99,347.2	100,282.6	105,249.4	108,340.8	111,940.5	116,021.1	116,425.2
Agriculture	2,695.7	2,389.9	2,612.0	2,412.6	2,776.1	2,947.5	3,069.7	2,995.7	2,699.8	2,845.3
Forestry	669.5	707.8	760.9	750.7	655.1	705.6	741.9	778.3	781.0	756.8
Fishing and trapping	147.4	141.1	149.8	132.9	126.4	144.4	162.3	179.3	183.2	169.0
Mines (including milling), Quarries and Oil Wells	3,146.4	3,286.4	3,706.4	3,586.9	3,175.1	3,243.6	3,337.3	3,077.9	3,369.9	3,447.0
Manufacturing Industries	19,040.9	20,516.3	22,674.0	23,497.2	22,122.5	23,431.9	23,901.6	25,107.1	26,286.6	25,460.1
Construction Industry	5,846.4	6,021.0	6,201.9	6,446.3	6,779.6	6,992.0	6,856.2	6,700.1	6,801.6	6,665.4
Transportation, Storage and Communication	7,892.3	8,506.6	9,246.7	9,754.1	9,894.5	10,419.5	10,972.8	11,453.3	12,280.6	12,566.5
Electric Power, Gas and Water utilities	2,193.8	2,437.6	2,640.2	2,853.3	2,862.9	3,216.0	3,311.3	3,456.3	3,647.6	3,739.2
Trade										
Wholesale Trade	4,102.9	4,491.3	4,926.7	5,340.4	5,365.9	5,469.2	5,547.7	5,821.1	6,093.3	6,143.0
Retail Trade	5,703.0	6,282.8	6,824.4	7,359.8	7,626.7	8,062.2	8,162.7	8,383.3	8,586.3	8,523.3
Finance, Insurance and Real Estate	9,588.9	10,100.4	10,929.2	11,593.0	12,070.5	12,683.3	13,444.8	14,149.6	14,760.6	15,214.6
Community, Business and Personal Service Industries	16,081.0	16,848.2	17,606.2	18,614.0	19,481.8	20,469.5	21,096.3	21,911.0	22,638.1	22,913.9
Public Administration and Defence	6,152.3	6,413.7	6,750.0	7,006.0	7,345.5	7,564.7	7,736.2	7,927.5	7,892.5	7,981.0

Source: SC, Gross Domestic Product by Industry, (61-213).

Section 21

Investment and Construction

Highlights

- **Investment** – In Ontario in 1982, capital and repair expenditures amounted to $33.5 billion, which represented 30.0 per cent of the Canada total. Of the Ontario total, construction accounted for 48.0 per cent; machinery and equipment accounted for 52.0 per cent.

  Of the $33.5 billion of capital and repair investment in Ontario in 1982, the manufacturing sector expended 27.6 per cent; utilities, 23.0 per cent; housing, 15.1 per cent; government departments, 8.4 per cent; and commercial services, 6.9 per cent.

  In 1982, of the $9.2 billion spent in Ontario for capital and repair investment in the manufacturing sector, 21.0 per cent was spent in Toronto, 13.2 per cent in Hamilton and 3.1 per cent in Windsor.

  Of Ontario's $25.4 billion of private and public investment in 1982, 51.0 per cent was invested in construction and 49.0 per cent in new machinery and equipment. Of the Ontario total, primary industries accounted for 8.8 per cent; manufacturing, 25.1 per cent; utilities, 23.6 per cent; trade and finance, 16.8 per cent; housing, 14.6 per cent; and institutions and government departments, 11.2 per cent.

- **Value of Construction** – Forecast figures for the value of total building construction in Ontario indicate that the figure will reach $8.62 billion in 1981. Of this total, residential construction is likely to account for 53.8 per cent; industrial for 13.1 per cent; commercial for 21.9 per cent; institutional for 5.4 per cent; and other construction for 5.8 per cent.

  The total value of engineering construction increased by 18.0 per cent between 1980 and 1981 to reach $4.8 billion out of which 23.0 per cent was allocated to electric power construction; 18.6 per cent to road, highway and aerodrome construction; 12.7 per cent of waterworks and sewage systems; and 14.2 per cent to railway, telephone and telegraph.

  Between 1980 and 1981, the total value of construction work performed rose by 11.5 per cent to $13.4 billion of which 39.5 per cent consisted of labour costs and 38.4 per cent of the cost for materials used. The value of new work (as opposed to repair work) totalled $10.6 billion, or 79.5 per cent of the total value of construction work performed in Ontario in 1981.

- **Building Permits** – In Ontario in 1981, 53,801 residential building permits were issued, an increase of 39.7 per cent from the previous year's total. Of this total, single dwellings accounted for 45.2 per cent; apartments, 31.2 per cent; double dwellings, 10.6 per cent; row housing, 10.7 per cent; and others, 2.2 per cent.

  The value of building permits in Ontario increased by 23.3 per cent, to $5.4 billion from 1980 to 1981. Of this total value of building permits, residential construction accounted for 54.1 per cent, industrial construction for 14.4 per cent commercial construction for 23.8 per cent, and institutional and government construction for 7.7 per cent.

- **Dwelling Starts** – In Ontario from 1980 to 1981, the number of dwelling starts increased by 25.0 per cent to 50,161, the number of completions fell 15.7 per cent to 45,557 and the number of dwellings under construction rose 9.2 per cent to 34,078. Of the total number of dwelling starts in 1981, single detached accounted for 48.7 per cent, semi-detached and duplexes for 11.0 per cent, row for 9.7 per cent, and apartment and others for 30.6 per cent.

- **Vacancy Rates** – The vacancy rate in apartments in Toronto, Ottawa and London decreased between October 1980 and 1981. The 1981 rates were 0.3 per cent, 0.6 per cent and 1.7 per cent respectively.

Definitions

Capital Expenditures – Include the cost of procuring, constructing and installing new durable plant and machinery, whether for replacement of worn or obsolete assets, or as gross additions to existing assets. Included are all capitalized costs such as architectural, legal and engineering fees, as well as the value of work on capital assets undertaken by firms with their own labour force. Gross outlays are reported without any deduction for scrap or trade-in value of old assets. Excluded are expenditures made for the acquisition of previously existing structures, for used machinery and equipment unless imported and for land since outlays of this type involve only the transfer of property and not the creation of a capital asset. Housing is not generally considered a capital expenditure but it has been included because it forms a large proportion of construction expenditures and has cyclical fluctuations similar to those which characterize business, institutional and government capital expenditures.

Construction – As it pertains to investment, includes building construction and all types of engineering construction such as roads, dams, transmission lines and pipelines, as well as oil drilling and mine development.

Machinery and Equipment – Takes into account the purchase of all such items which are used either in producing goods or providing services but does not cover durable goods purchased for personal use. As well as industrial machinery, transportation equipment, agricultural implements, professional and scientific equipment, office and store furnishings and other similar capital goods are included. Excluded are outlays for defence equipment.

Repair Expenditures – Represent the non-capitalized outlays made to maintain the operating efficiency of the existing stock of durable physical assets. Where the repair costs are large enough to materially lengthen the expected serviceable life of the assets, increase its capacity or otherwise raise its productivity, they are treated as capital expenditures on new construction or on new machinery and equipment.

NHA – National Housing Act.

CMHC – Canada Mortgage and Housing Corporation.

Building Permit: is the permission or authorization in writing by the authority having jurisdiction to perform work regulated by a building Bylaw. Building permits values therefore represent the value of construction based on estimates provided by local governments issuing building permits and reporting to Statistics Canada. These estimates include the cost of putting up new buildings, additions to existing buildings and changes likely to affect the use or occupancy of a building. Other costs normally charged to capital costs such as architectural, legal, financial and engineering, are not included.

Residential – The classification for residential construction is intended to reflect the value of building permits or construction for new dwellings: single, seasonal, double, row, apartments and conversions; and for alterations and improvements to existing dwellings: additions, structural changes, residential garages and swimming pools, and other improvements to existing dwellings.

Industrial – Includes buildings used for: manufacturing and processing, transportation, communication and other utilities and agriculture, forestry, mine and mine mill buildings.

Commercial – Includes stores, warehouses, garages, office buildings, including government offices and administration buildings, theatres, hotels, funeral parlours, beauty salons and miscellaneous commercial: signs, posters, heating and plumbing installations, etc.

Institutional – Includes expenditures made by the community, public and government for buildings and structures – schools, universities, hospitals, clinics, churches, homes for the aged, law enforcement, public protection, national defence, and ancillary buildings such as dormitories, residences, church rectories, gymnasiums, heating plants, and laundries and cafeterias for hospitals, schools and universities.

Dwelling Unit – A structurally separate set of self-contained living premises with a private entrance from outside the building or from a common hall, lobby or stairway inside the building. Such an entrance must be one that can be used without passing through another separate dwelling unit.

Double Dwellings – Structures containing two dwelling units such as duplexes and semi-detached.

Row Dwellings – Are ground oriented one-family dwellings in a structure of three or more attached dwellings.

Apartments – Refer to dwellings contained in a structure with common areas consisting of three or more units such as triplexes, quadruplexes, row duplexes and apartment buildings proper. Flats, regardless of number, which are part of a non-residential structure are also included.

Single-detached (Single Dwelling) – A building containing only one dwelling unit which is completely separated on all sides from any other dwelling or structure.

Semi-detached – One of two dwellings located side-by-side in a building adjoining no other structure and separated by a common or party wall extending from ground to roof.

Duplex – One of two dwelling units located one above the other in a building adjoining no other structure.

Conversions – Consist of dwelling units added by modification of existing structures.

Start – The beginning of construction work on a building, usually when the concrete has been poured for the whole of the footing around the structure, or an equivalent stage where a basement will not be part of the structure.

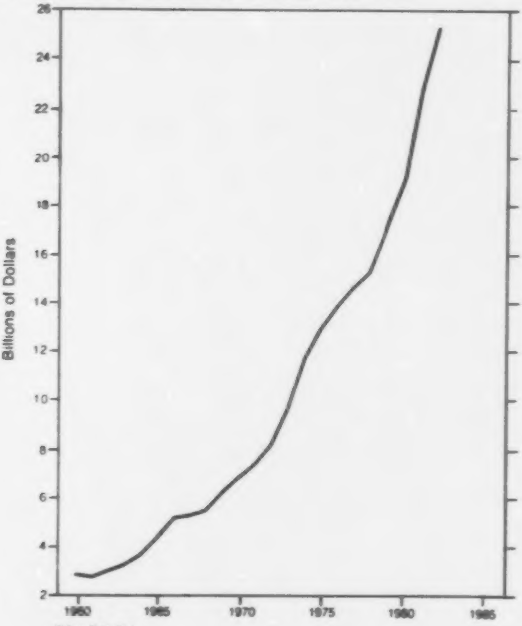
Completion – The stage at which all the proposed construction work on a dwelling unit has been performed. Under some circumstances a dwelling may be counted as completed when no more than 10 per cent of the proposed work remains to be done.

Assisted Home-Ownership – Refers to lending programmes which commenced with the innovative programme in 1970 whereby favourable amortization and interest rates were granted to low income mortgage applicants as an aid in home-ownership. In July 1973, a revised programme was introduced which provided in addition to interest assistance, a federal subsidy of up to $300 per annum. This was extended to $600 per annum in July, 1974. In 1976, the Interest Reduction Loan was introduced to the amount equalling the difference between the actual interest rate of the approved lender and 8%. In addition, both a federal subsidy and a provincial subsidy amounting to $750 annually each are available in special circumstances.

Co-operative Housing – Within the meaning of the National Housing Act, is housing erected by a co-operative association to provide accommodation for persons, the majority of whom are members of the association, who will occupy the housing as owners. Non-profit continuing co-operatives are housing erected by a co-operative group to provide accommodation on a non-profit basis. The members own a share in the co-operative but do not gain from same.

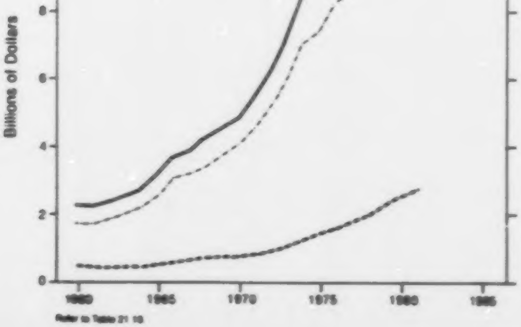
Non-Profit Housing – Church groups, service clubs, neighbourhood groups, municipalities and the Province build non-profit rental housing, a portion of which will be occupied by families and individuals whose incomes are inadequate to meet current rentals on the open market.

Graph 21.A
Private and Public Investment, All Sectors, Ontario, 1960-1982



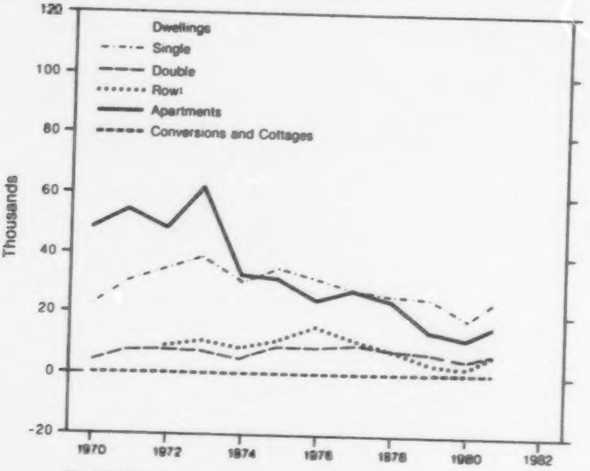
Refer to Table 21.1

Graph 21.B
Total Value of Construction Work Performed, Ontario, 1960-1981



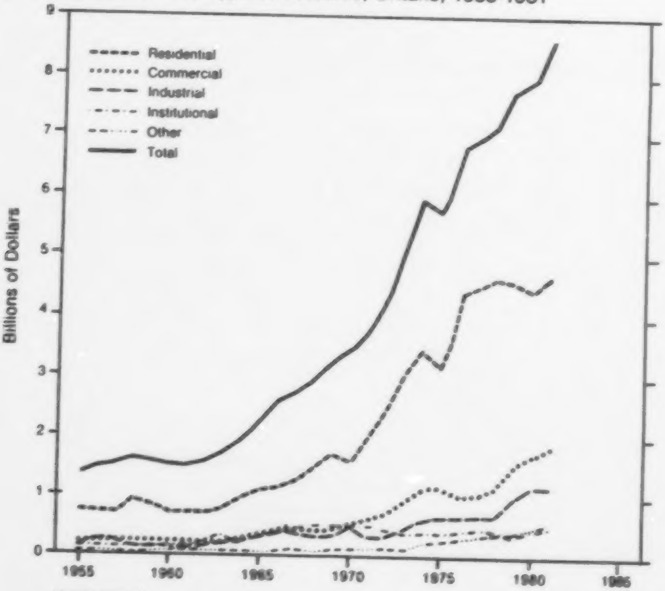
Refer to Table 21.10

Graph 21.C
Number of Building Permits Issued, Ontario, 1970-1981



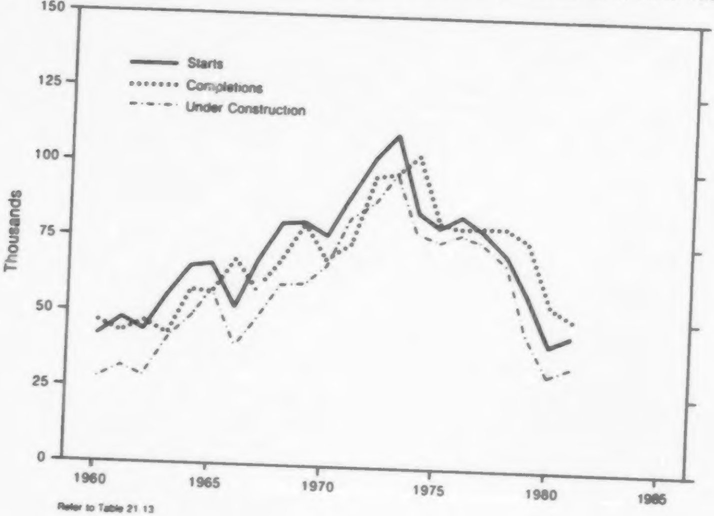
Refer to Table 21.12

Graph 21.D
Total Value of Building Construction by Type of Structure, Ontario, 1955-1981



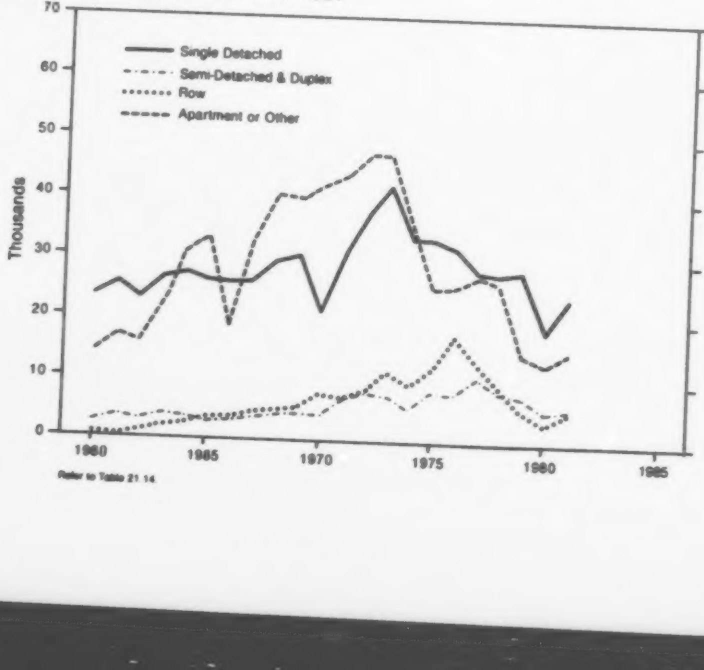
Refer to Table 21.7

Graph 21.E
Number of Dwellings Started, Completed and Under Construction, Ontario, 1960-1981



Refer to Table 21.13

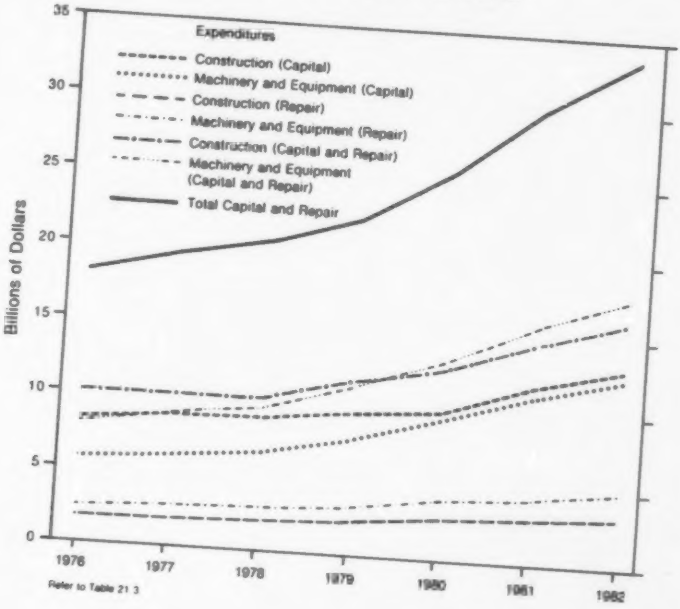
Graph 21.F
Dwelling Starts by Type, Ontario, 1960-1981



Refer to Table 21.14

Graph 21.G

Capital and Repair Expenditures by Type, Ontario, 1976-1982



Refer to Table 21.3

Table 21.1

Private and Public Investment, Canada and Ontario, 1950-1982[1]

	Construction			New Machinery and Equipment			Total New Capital		
	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada	Canada	Ontario	Ontario as % of Canada
				Capital Expenditures - $ Million					
1950	2,453	895	36.5	1,483	524	35.3	3,823	1,419	37.1
1951	2,871	1,023	35.6	1,868	717	38.4	4,408	1,740	39.5
1952	3,434	1,137	33.1	2,057	762	37.0	5,491	1,899	34.6
1953	3,756	1,276	34.0	2,220	830	37.4	5,976	2,106	35.2
1954	3,818	1,317	34.5	1,984	772	38.9	5,802	2,089	36.0
1955	4,456	1,486	33.3	2,075	785	37.8	6,531	2,271	34.8
1956	5,435	1,788	32.9	2,761	1,054	38.2	8,196	2,842	34.7
1957	5,880	2,067	35.2	2,933	1,199	40.9	8,813	3,266	37.1
1958	5,954	2,144	36.0	2,534	960	37.9	8,488	3,104	36.6
1959	5,792	1,904	32.9	2,708	966	36.8	8,500	2,900	34.1
1960	5,519	1,828	33.1	2,809	1,028	36.6	8,328	2,856	34.3
1961	5,630	1,794	31.9	2,662	1,000	37.7	8,292	2,794	33.7
1962	5,834	1,936	33.2	2,935	1,118	38.1	8,769	3,054	34.8
1963	6,156	2,088	33.9	3,242	1,194	36.8	9,398	3,282	34.9
1964	7,032	2,249	32.0	3,948	1,498	37.9	10,980	3,747	34.1
1965	8,175	2,533	31.0	4,760	1,846	38.8	12,935	4,378	33.8
1966	9,281	3,088	33.2	5,807	2,173	37.4	15,088	5,261	34.9
1967	9,474	3,173	33.5	5,874	2,185	37.2	15,348	5,357	34.9
1968	9,909	3,485	35.2	5,546	2,094	37.7	15,455	5,579	36.1
1969	10,824	3,825	35.3	6,103	2,482	40.7	16,927	6,308	37.3
1970	11,319	4,127	36.5	6,479	2,801	43.2	17,798	6,928	38.9
1971	13,274	4,662	35.1	6,910	2,798	40.5	20,184	7,460	37.0
1972	14,470	5,253	36.3	7,748	2,984	38.5	22,218	8,237	37.1
1973	16,953	5,981	35.3	9,666	3,734	38.6	26,618	9,715	36.5
1974	20,771	7,088	34.1	12,111	4,728	39.0	32,882	11,816	35.9
1975	24,055	7,493	31.1	14,162	5,428	38.3	38,216	12,920	33.8
1976	28,144	8,370	29.7	15,492	5,578	36.0	43,636	13,948	32.0
1977	30,130	8,725	29.0	16,467	6,008	36.5	46,598	14,732	31.6
1978	31,912	8,914	27.9	18,448	6,647	36.0	50,360	15,561	30.9
1979	35,847	9,220	25.7	22,508	7,873	35.0	58,354	17,093	29.3
1980^{r}	40,157	9,865	24.6	26,036	9,241	35.5	66,193	19,106	28.9
1981^{p}	47,800	11,743	24.6	30,712	11,045	36.0	78,512	22,788	29.0
1982	53,360	12,956	24.3	33,812	12,439	36.8	87,172	25,396	29.1

1) Preliminary actual 1981, intentions 1982.

Table 21.2

Private and Public Investment by Sector, Ontario, 1950-1982[1]

	Primary Industries and Construction			Manufacturing			Utilities		
	Const.	New Mach.	Total	Const.	New Mach.	Total	Const.	New Mach.	Total
	Capital Expenditures - $ Million								
1950	45	152	197	56	162	218	201	114	315
1951	44	168	212	138	257	395	188	173	361
1952	44	145	189	158	319	477	220	177	397
1953	45	149	194	169	330	499	235	209	444
1954	66	138	204	124	292	416	198	195	393
1955	75	184	259	121	291	412	188	159	347
1956	144	230	374	189	441	630	284	217	501
1957	182	238	420	219	456	675	460	325	785
1958	83	184	267	159	344	503	506	256	762
1959	67	171	238	132	371	503	322	267	589
1960	64	169	233	147	408	555	315	241	556
1961	70	155	225	125	409	534	291	227	518
1962	76	157	233	175	473	648	280	241	520
1963	87	186	273	170	497	667	308	259	567
1964	82	222	304	205	700	905	329	284	613
1965	106	254	360	280	902	1,182	310	380	690
1966	197	308	506	389	1,031	1,420	410	425	836
1967	195	342	537	315	895	1,210	400	494	894
1968	173	326	499	258	742	1,000	473	557	1,031
1969	161	344	505	314	943	1,256	513	638	1,151
1970	214	357	570	440	1,185	1,625	649	685	1,334
1971	213	394	607	312	1,020	1,332	763	791	1,554
1972	215	443	658	314	1,027	1,341	822	764	1,586
1973	229	493	721	372	1,263	1,635	773	1,033	1,806
1974	294	604	898	570	1,683	2,252[r]	902	1,225	2,127
1975	348	704	1,051	738	2,123	2,861	1,313	1,368	2,681
1976	409	802	1,211	830	2,186	3,016	1,047	1,328	2,374
1977	430	852	1,282	950	2,409	3,359	1,102	1,311	2,413
1978	455	898	1,353	803	2,283	3,086	1,293	1,749	3,042
1979	568	1,098	1,667	728	2,817	3,545	1,397	1,959	3,356
1980[r]	764	1,105	1,869	1,047	3,732	4,779	1,576	2,083	3,659
1981[p]	893	1,181	2,074	1,108	4,672	5,780	2,346	2,538	4,883
1982	920	1,307	2,227	1,182	5,187	6,369	3,156	2,843	5,999

Table 21.2 (cont'd.)

Private and Public Investment by Sector, Ontario, 1950-1982[1]

	Trade, Finance and Commercial Services			Housing	Institutions and Government Depts.			Total		
	Const.	New Mach.	Total	Total[2]	Const.	New Mach.	Total	Const.	New Mach.	Total
	Capital Expenditures - $ Million									
1950	91	76	167	318	184	21	205	895	524	1,419
1951	86	89	175	333	234	30	264	1,023	717	1,740
1952	64	73	137	310	341	49	390	1,137	762	1,899
1953	121	97	218	400	305	45	350	1,276	830	2,106
1954	146	109	255	485	298	38	336	1,317	772	2,089
1955	143	118	261	606	353	34	387	1,486	785	2,271
1956	147	124	271	602	424	42	466	1,788	1,054	2,842
1957	169	140	309	559	478	40	518	2,067	1,199	3,266
1958	162	123	285	718	516	53	569	2,144	960	3,104
1959	163	134	297	663	558	53	611	1,904	996	2,900
1960	169	150	319	551	581	59	640	1,828	1,028	2,856
1961	165	148	313	543	599	61	660	1,794	1,000	2,794
1962	163	164	328	562	679	83	763	1,936	1,118	3,054
1963	161	170	331	599	763	82	845	2,088	1,194	3,282
1964	205	195	399	774	655	98	752	2,249	1,498	3,747
1965	248	212	460	803	786	98	884	2,533	1,846	4,378
1966	280	270	551	876	935	137	1,073	3,088	2,173	5,261
1967	307	310	617	921	1,035	144	1,179	3,173	2,185	5,357
1968	285	308	593	1,184	1,111	159	1,271	3,484	2,094	5,579
1969	296	410	706	1,425	1,116	148	1,264	3,825	2,482	6,308
1970	388	424	811	1,287	1,150	150	1,300	4,127	2,801	6,928
1971	469	416	884	1,642	1,263	179	1,441	4,662	2,798	7,460
1972	564	547	1,111	2,037	1,302	202	1,504	5,253	2,984	8,237
1973	749	711	1,460	2,577	1,282	234	1,516	5,981	3,734	9,715
1974	884	898	1,782	2,872	1,566	319	1,885	7,088	4,728	11,816
1975	864	907	1,771	2,554	1,677	327	2,003	7,493	5,428	12,920
1976	868	940	1,808	3,611	1,605	324	1,929	8,370	5,578	13,948
1977	864	1,070	1,935	3,746	1,632	365	1,997	8,725	6,008	14,732
1978	947	1,374	2,321	3,699	1,718	343	2,061	8,914	6,647	15,561
1979	1,185	1,659	2,844	3,548	1,794	340	2,133	9,220	7,873	17,093
1980^{r}	1,409	1,931	3,340	3,140	1,928	391	2,319	9,865	9,241	19,106
1981^{p}	1,557	2,146	3,703	3,774	2,065	508	2,573	11,743	11,044	22,788
1982	1,702	2,552	4,254	3,697	2,299	550	2,849	12,956	12,439	25,396

1) Preliminary actual 1981, intentions 1982.

2) The housing category consists of construction only.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.3

Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
		$ Million						
Canada	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979	35,846.7	22,507.7	7,175.7	9,798.0	43,022.4	32,305.7	75,328.1
	1980^{r}	40,156.9	26,036.3	8,174.8	11,543.3	48,331.7	37,579.6	85,911.3
	1981^{p}	47,800.0	30,712.4	9,154.6	12,789.1	56,954.6	43,501.5	100,456.1
	1982	53,359.8	33,812.2	10,195.4	14,562.8	63,555.2	48,375.0	111,930.2
Ontario	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,062.9	18,128.7
	1977	8,724.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.1
	1979	9,220.0	7,873.3	2,350.4	3,574.4	11,570.4	11,447.7	23,018.1
	1980^{r}	9,864.8	9,241.3	2,574.4	3,966.7	12,439.2	13,208.0	25,647.2
	1981^{p}	11,743.0	11,044.7	2,824.7	4,360.8	14,567.7	15,405.5	29,973.2
	1982	12,956.3	12,439.4	3,130.9	5,007.9	16,087.2	17,447.3	33,534.5
Newfoundland	1976	636.3	192.9	96.7	205.7	733.0	398.6	1,131.6
	1977	511.7	200.1	111.5	197.3	623.2	397.4	1,020.6
	1978	533.9	250.4	108.6	191.8	642.5	442.2	1,084.7
	1979	733.7	300.9	128.6	276.7	862.3	577.6	1,439.9
	1980^{r}	709.8	377.4	140.1	284.8	849.9	662.2	1,512.1
	1981^{p}	811.9	339.3	139.2	306.5	951.1	645.8	1,596.9
	1982	958.6	406.4	155.6	338.7	1,114.2	745.1	1,859.3
Prince Edward Island	1976	73.6	37.7	26.5	18.0	100.1	55.7	155.8
	1977	86.0	44.5	32.6	16.5	118.6	61.0	179.6
	1978	127.9	43.8	37.6	19.5	165.5	63.3	228.8
	1979	145.0	56.4	38.1	28.0	183.1	84.4	267.5
	1980^{r}	135.2	71.9	41.0	28.0	176.2	99.9	276.1
	1981^{p}	109.0	65.4	42.5	31.2	151.5	96.6	248.1
	1982	122.0	71.2	45.7	34.6	167.7	105.8	273.5
Nova Scotia	1976	728.6	312.7	145.1	169.2	873.7	481.9	1,355.6
	1977	726.8	313.7	87.9	181.4	914.7	495.1	1,409.8
	1978	783.5	406.2	215.4	219.2	998.9	625.4	1,624.3
	1979	860.5	462.4	219.1	246.0	1,079.6	708.4	1,788.0
	1980^{r}	929.2	516.3	253.9	266.9	1,183.1	783.2	1,966.3
	1981^{p}	1,199.9	740.9	300.0	294.3	1,499.9	1,035.2	2,535.1
	1982	1,567.2	999.7	332.3	331.0	1,899.5	1,330.7	3,230.2
New Brunswick	1976	766.4	410.3	126.0	155.5	892.4	565.8	1,458.2
	1977	737.5	417.4	136.4	152.9	873.9	570.3	1,444.2
	1978	793.7	516.6	134.6	183.2	928.3	699.8	1,628.1
	1979	914.1	738.1	155.9	214.4	1,070.0	952.5	2,022.5
	1980^{r}	781.9	687.0	175.9	309.2	957.8	996.2	1,954.0
	1981^{p}	792.3	721.9	215.9	342.0	1,008.2	1,063.9	2,072.1
	1982	939.0	827.4	229.0	389.5	1,168.0	1,216.9	2,384.9

Table 21.3 (cont'd.)

Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Québec	1976	6,746.1	3,066.9	1,157.2	1,508.5	7,903.3	4,575.4	12,478.7
	1977	7,237.8	3,465.1	1,353.1	1,620.2	8,590.3	5,085.3	13,675.6
	1978	7,015.7	3,778.2	1,511.6	1,800.0	8,527.3	5,578.2	14,105.5
	1979	7,445.3	4,408.9	1,679.4	1,991.6	9,124.7	6,400.5	15,525.2
	1980^r	7,494.6	5,324.3	1,859.6	2,421.3	9,354.2	7,745.6	17,099.8
	1981^p	8,608.8	5,436.0	2,069.8	2,591.5	10,678.6	8,027.5	18,706.1
	1982	8,866.7	5,910.4	2,239.7	2,894.5	11,106.4	8,804.9	19,911.3
Manitoba	1976	1,054.4	758.0	232.9	284.4	1,287.3	1,042.4	2,329.7
	1977	1,148.9	748.4	248.8	309.8	1,397.7	1,058.2	2,455.9
	1978	1,269.6	748.4	232.3	341.2	1,501.9	1,089.6	2,591.5
	1979	1,185.1	855.8	284.7	394.1	1,469.8	1,249.9	2,719.7
	1980^r	1,091.5	932.6	306.2	515.8	1,397.7	1,448.4	2,846.1
	1981^p	1,227.9	1,054.2	352.8	571.1	1,580.7	1,625.3	3,206.0
	1982	1,230.1	1,076.9	379.9	659.1	1,610.0	1,736.0	3,346.0
Saskatchewan	1976	1,197.0	982.8	224.0	303.4	1,421.0	1,286.2	2,707.2
	1977	1,314.1	955.2	250.1	325.2	1,564.2	1,280.4	2,844.6
	1978	1,349.5	1,043.1	303.3	374.9	1,652.8	1,418.0	3,070.8
	1979	1,752.9	1,350.7	350.8	444.9	2,103.7	1,795.6	3,899.3
	1980^r	1,874.0	1,450.5	405.0	581.4	2,279.0	2,031.9	4,310.9
	1981^p	2,340.5	1,803.1	416.3	701.0	2,756.8	2,504.1	5,260.9
	1982	2,460.1	1,829.8	469.9	786.5	2,930.0	2,616.3	5,546.3
Alberta	1976	4,558.6	2,443.9	638.9	612.6	5,197.5	3,056.5	8,254.0
	1977	5,395.1	2,430.7	729.4	738.3	6,124.5	3,169.0	9,293.5
	1978	6,550.3	2,881.0	861.2	857.8	7,411.5	3,738.8	11,150.3
	1979	8,302.1	3,617.8	1,071.7	1,191.5	9,373.8	4,809.3	14,183.1
	1980^r	10,335.5	3,874.5	1,358.9	1,434.6	11,694.4	5,309.1	17,003.5
	1981^p	12,241.4	4,920.9	1,577.1	1,796.4	13,818.5	6,717.3	20,535.8
	1982	14,887.8	5,659.7	1,764.9	2,032.3	16,652.4	7,692.0	24,344.7
British Columbia	1976	3,647.1	1,549.8	613.4	996.3	4,260.5	2,546.1	6,806.6
	1977	3,784.7	1,808.6	708.0	1,121.4	4,492.7	2,930.0	7,422.7
	1978	4,153.8	2,047.1	779.2	1,278.3	4,933.0	3,325.4	8,258.4
	1979	4,772.2	2,678.4	861.9	1,357.6	5,634.1	4,036.0	9,670.1
	1980^r	6,222.2	3,297.0	1,017.7	1,645.5	7,239.9	4,942.5	12,182.4
	1981^p	7,708.3	4,020.8	1,158.0	1,689.4	8,866.3	5,710.5	14,576.8
	1982	8,265.2	3,960.1	1,377.4	1,963.9	9,642.6	5,924.0	15,566.6
Yukon and Northwest Territories	1976	366.0	159.0	28.2	52.2	394.2	211.2	605.4
	1977	463.7	75.9	26.7	44.6	490.4	120.5	610.9
	1978	419.5	86.0	29.3	52.5	448.8	138.5	587.3
	1979	515.8	165.0	35.1	78.8	550.9	243.8	794.7
	1980^r	718.2	263.5	42.1	81.1	760.3	352.6	1,112.9
	1981^p	1,017.0	565.2	58.3	104.6	1,075.3	669.8	1,745.1
	1982	1,106.8	631.2	70.1	124.8	1,176.9	756.0	1,932.9

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1) Preliminary actual 1981, intentions 1982

2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.4

Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Canada								
Agriculture and fishing	1976	527.0	2,348.4	215.4	425.7	742.4	2,774.1	3,516.5
	1977	607.4	2,388.9	245.2	449.7	852.6	2,838.6	3,691.2
	1978	701.6	2,776.8	281.6	509.6	983.2	3,286.4	4,269.6
	1979	824.8	3,542.7	326.1	624.6	1,150.9	4,167.3	5,318.2
	1980[r]	1,063.1	3,404.7	293.1	834.5	1,356.2	4,239.2	5,595.4
	1981[p]	1,308.0	3,421.6	319.6	1,056.8	1,627.6	4,478.4	6,106.0
	1982	1,364.1	3,625.1	348.6	1,208.2	1,712.7	4,833.3	6,546.0
Forestry	1976	80.9	97.8	46.1	149.1	135.1	246.9	382.0
	1977	105.0	115.5	45.2	173.8	150.2	289.3	439.5
	1978	100.5	140.4	48.6	213.0	149.1	353.4	502.5
	1979	140.6	160.0	66.4	222.1	207.0	382.1	589.1
	1980[r]	153.0	190.0	89.2	276.8	242.2	466.8	709.0
	1981[p]	126.7	170.2	75.9	263.9	202.6	434.1	636.7
	1982	151.7	159.9	86.0	310.6	237.7	470.5	708.2
Mining, quarry and oil wells	1976	2,356.9	1,084.0	368.9	830.7	2,725.8	1,914.7	4,640.5
	1977	2,839.6	1,025.3	402.2	911.1	3,241.8	1,936.4	5,178.2
	1978	3,115.7	787.7	461.5	876.9	3,577.2	1,664.6	5,241.8
	1979	4,675.5	979.1	528.9	1,206.7	5,204.4	2,185.8	7,390.2
	1980[r]	6,908.6	1,535.1	797.4	1,474.4	7,706.0	3,009.5	10,715.5
	1981[p]	7,553.4	1,883.6	789.0	1,753.5	8,342.4	3,637.1	11,979.5
	1982	9,228.1	2,226.1	888.7	1,878.0	10,116.8	4,104.1	14,220.9
Construction industry	1976	121.3	637.6	16.8	487.0	138.1	1,124.6	1,262.7
	1977	131.2	689.1	18.2	526.4	149.4	1,215.5	1,364.9
	1978	139.9	734.9	19.5	561.2	159.4	1,296.1	1,455.5
	1979	157.6	827.7	21.7	632.0	179.3	1,459.7	1,639.0
	1980[r]	177.0	931.2	24.5	711.5	201.5	1,642.7	1,844.2
	1981[p]	206.3	1,083.9	28.7	828.0	235.0	1,911.9	2,146.9
	1982	234.0	1,230.2	32.5	939.8	266.5	2,170.0	2,436.5
Manufacturing	1976	1,439.7	4,025.6	438.2	2,453.2	1,877.9	6,478.8	8,356.7
	1977	1,658.9	4,421.8	530.5	2,685.3	2,189.4	7,107.1	9,296.5
	1978	1,543.7	4,634.5	557.2	3,038.4	2,100.9	7,672.9	9,773.8
	1979	1,610.5	5,833.1	640.5	3,457.2	2,251.0	9,290.3	11,541.3
	1980[r]	2,255.9	7,490.9	771.2	3,960.1	3,027.1	11,451.0	14,478.1
	1981[p]	2,839.7	9,591.9	829.1	4,122.7	3,668.8	13,714.6	17,383.4
	1982	3,122.8	10,737.4	950.8	4,711.2	4,073.6	15,448.6	19,522.2
Utilities	1976	4,425.8	3,828.4	800.1	1,788.0	5,225.9	5,616.4	10,842.3
	1977	5,073.4	4,114.5	904.5	2,043.8	5,977.9	6,158.3	12,136.2
	1978	5,625.6	4,899.9	993.6	2,399.0	6,619.2	7,298.9	13,918.1
	1979	6,183.7	5,576.2	1,125.8	2,704.5	7,309.5	8,280.7	15,590.2
	1980[r]	6,716.5	6,046.5	1,267.5	3,171.0	7,984.0	9,217.5	17,201.5
	1981[p]	8,835.2	7,474.2	1,445.6	3,583.1	10,280.8	11,057.3	21,338.1
	1982	11,181.0	8,040.3	1,624.0	4,187.7	12,805.0	12,228.0	25,033.0
Trade	1976	385.9	742.5	131.5	160.6	517.4	903.1	1,422.8
	1977	362.9	757.8	124.1	178.0	487.0	935.8	1,422.8
	1978	367.1	835.2	149.6	201.0	516.7	1,036.2	1,552.9
	1979	503.7	1,071.0	166.5	225.8	670.2	1,296.8	1,967.0
	1980[r]	543.6	1,185.1	171.2	237.8	714.8	1,422.9	2,137.7
	1981[p]	560.3	1,429.7	181.4	255.2	741.7	1,684.9	2,426.6
	1982	602.3	1,323.9	195.4	268.3	797.7	1,592.2	2,389.9

Table 21.4 (cont'd.)
Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
		$ Million						
Finance	1976	1,734.3	261.3	116.0	36.9	1,850.3	298.2	2,148.5
	1977	1,882.5	244.3	125.9	40.8	2,008.4	285.1	2,293.5
	1978	2,161.3	360.5	142.8	48.0	2,304.1	408.5	2,712.6
	1979	2,862.1	378.3	205.0	76.3	3,067.1	454.6	3,521.7
	1980^{r}	3,215.8	410.4	229.7	100.9	3,445.5	511.3	3,956.8
	1981^{p}	4,087.9	485.5	248.5	95.7	4,336.4	581.2	4,917.6
	1982	4,512.1	560.7	272.6	106.1	4,784.7	666.8	5,451.5
Commercial services	1976	604.1	1,541.9	44.5	234.2	648.6	1,776.1	2,424.7
	1977	359.5	1,727.6	51.4	255.0	410.9	1,982.6	2,393.5
	1978	396.6	2,206.2	73.1	297.4	469.7	2,503.6	2,973.3
	1979	566.5	3,067.1	99.5	326.3	666.0	3,393.4	4,059.4
	1980^{r}	670.9	3,483.6	112.3	369.9	783.2	3,953.5	4,636.7
	1981^{p}	766.8	3,544.6	119.7	436.3	886.5	3,980.9	4,867.4
	1982	732.2	4,101.5	124.7	501.2	856.9	4,602.7	5,459.6
Institutions	1976	1,167.8	317.3	187.6	68.4	1,355.4	385.7	1,741.1
	1977	1,179.7	334.5	238.3	74.4	1,418.0	408.9	1,826.9
	1978	1,180.6	361.7	247.0	96.6	1,427.6	458.3	1,885.9
	1979	1,327.7	362.5	270.4	98.1	1,598.1	460.6	2,058.7
	1980^{r}	1,625.1	506.3	293.4	126.1	1,918.5	632.4	2,550.9
	1981^{p}	1,781.2	580.3	386.5	129.4	2,167.7	709.7	2,877.4
	1982	2,007.1	629.6	385.1	138.2	2,392.2	767.8	3,160.0
Government departments	1976	4,439.7	607.4	802.9	156.7	5,242.6	764.1	6,006.7
	1977	4,865.3	648.0	927.0	158.0	5,792.3	806.0	6,598.3
	1978	5,128.8	710.0	974.4	176.4	6,103.2	886.4	6,989.6
	1979	5,376.6	710.0	1,075.7	224.4	6,452.3	934.4	7,386.7
	1980^{r}	5,813.8	852.5	1,262.9	280.3	7,076.7	1,132.8	8,209.5
	1981^{p}	6,594.9	1,046.9	1,510.3	264.5	8,105.2	1,311.4	9,416.6
	1982	7,405.7	1,177.5	1,709.1	313.5	9,114.8	1,491.0	10,605.8
Housing	1976	10,852.6	–	1,816.7	–	12,669.3	–	12,669.3
	1977	11,064.8	–	2,061.0	–	13,125.8	–	13,125.8
	1978	11,450.4	–	2,329.4	–	13,779.8	–	13,779.8
	1979	11,617.4	–	2,649.2	–	14,266.6	–	14,266.6
	1980^{r}	11,013.6	–	2,862.4	–	13,876.0	–	13,876.0
	1981^{p}	13,139.6	–	3,220.3	–	16,359.9	–	16,359.9
	1982	12,818.7	–	3,577.9	–	16,396.6	–	16,396.6
Total	1976	28,144.1	15,492.2	4,984.7	6,790.5	33,128.8	22,282.7	55,411.5
	1977	30,130.2	16,467.3	5,673.5	7,496.3	35,803.7	23,963.6	59,767.3
	1978	31,911.8	18,447.8	6,278.3	8,417.5	38,190.1	26,865.3	65,055.4
	1979	35,846.7	22,507.7	7,175.7	9,798.0	43,022.4	32,305.7	75,328.1
	1980^{r}	40,156.9	26,036.3	8,174.8	11,543.3	48,331.7	37,579.6	85,911.3
	1981^{p}	47,800.0	30,712.4	9,154.6	12,789.1	56,954.6	43,501.5	100,456.1
	1982	53,359.8	33,812.2	10,195.4	14,562.8	63,555.2	48,375.0	111,930.2

Table 21.4 (cont'd.)

Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Ontario								
Agriculture and fishing	1976	164.0	488.7	90.1	94.3	254.1	583.0	837.1
	1977	184.3	528.9	101.3	99.5	285.6	628.4	914.0
	1978	209.7	583.2	115.3	110.8	325.0	694.0	1,019.0
	1979	237.9	720.3	130.7	141.1	386.6	861.4	1,230.0
	1980^r	346.1	707.6	82.0	176.7	428.1	884.3	1,312.4
	1981^p	408.6	701.7	90.8	218.3	499.4	920.0	1,419.4
	1982	382.4	744.1	100.8	250.8	483.2	994.9	1,478.1
Forestry	1976	6.9	14.5	6.8	26.5	13.7	41.0	54.7
	1977	8.1	20.2	5.2	40.0	13.3	60.2	73.5
	1978	5.2	15.3	6.5	53.0	11.7	68.3	80.0
	1979	9.0	23.4	9.7	55.2	18.7	78.6	97.3
	1980^r	9.2	30.1	14.2	72.9	23.4	103.0	126.4
	1981^p	11.0	34.3	9.8	69.1	20.8	103.4	124.2
	1982	11.8	45.2	9.2	80.7	21.0	125.9	146.9
Mining, quarrying and oil wells	1976	209.6	112.9	29.3	184.3	238.9	297.2	536.1
	1977	198.9	98.5	26.8	195.7	225.7	294.2	519.9
	1978	200.1	88.3	21.1	171.1	221.2	259.4	480.6
	1979	279.1	132.0	26.4	223.9	305.5	355.9	661.4
	1980^r	363.2	128.1	70.9	237.2	434.1	365.3	799.4
	1981^p	420.9	168.2	41.1	273.8	462.0	442.0	904.0
	1982	466.7	205.6	41.3	288.7	508.0	494.3	1,002.3
Construction	1976	28.3	185.6	5.0	140.0	33.3	325.6	358.9
	1977	38.9	204.3	5.4	156.0	44.3	360.3	404.6
	1978	40.2	211.2	5.6	161.3	45.8	372.5	418.3
	1979	42.4	222.6	5.9	170.0	48.3	392.6	440.9
	1980^r	45.5	239.2	6.3	182.7	51.8	421.9	473.7
	1981^p	52.6	276.3	7.3	211.1	59.9	487.4	547.3
	1982	59.4	312.2	8.2	238.5	67.6	550.7	618.3
Manufacturing	1976	830.4	2,185.8	204.2	1,223.4	1,034.6	3,409.2	4,443.8
	1977	950.4	2,409.0	238.2	1,377.0	1,188.6	3,786.0	4,974.0
	1978	803.0	2,282.8	238.7	1,529.8	1,041.7	3,812.6	4,854.3
	1979	728.1	2,817.0	302.4	1,783.3	1,030.5	4,600.3	5,630.8
	1980^r	1,047.2	3,731.5	355.1	1,998.5	1,402.3	5,730.0	7,132.3
	1981^p	1,108.2	4,672.1	360.6	2,101.8	1,468.8	6,773.9	8,242.7
	1982	1,181.9	5,187.4	426.4	2,449.3	1,608.3	7,636.7	9,245.0
Utilities	1976	1,046.8	1,327.5	290.2	547.2	1,337.0	1,901.7	3,238.7
	1977	1,101.5	1,311.4	319.1	652.5	1,420.6	1,963.9	3,384.5
	1978	1,292.8	1,748.7	341.0	775.4	1,633.8	2,524.1	4,157.9
	1979	1,396.7	1,959.0	384.2	862.3	1,780.9	2,821.3	4,602.2
	1980^r	1,515.8	2,083.1	423.6	933.8	1,999.4	3,016.9	5,016.3
	1981^p	2,345.7	2,537.7	458.6	1,049.6	2,804.3	3,587.3	6,391.6
	1982	3,155.8	2,842.7	514.5	1,208.8	3,670.3	4,051.5	7,721.8
Trade	1976	132.3	259.1	48.3	70.6	180.6	329.7	510.3
	1977	126.5	267.8	43.7	79.1	170.2	346.9	517.1
	1978	117.6	338.3	56.1	88.9	173.7	427.2	600.9
	1979	134.0	389.3	59.4	95.4	193.4	484.7	678.1
	1980^r	150.2	443.1	56.6	99.4	206.8	542.5	749.3
	1981^p	155.9	501.2	68.3	116.8	224.2	618.0	842.2
	1982	173.4	520.9	72.0	127.0	245.4	647.9	893.3

Table 21.4 (cont'd.)

Capital and Repair Investment by Type, by Province, Canada, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
Finance	1976	653.9	92.5	50.1	15.1	704.0	107.6	811.6
	1977	658.6	97.2	49.3	16.9	707.9	114.1	822.0
	1978	729.2	157.7	51.6	18.3	780.8	176.0	956.8
	1979	884.1	129.4	67.8	23.4	951.9	152.8	1,104.7
	1980^r	1,002.4	161.8	74.9	32.0	1,077.3	193.8	1,271.1
	1981^p	1,112.0	190.7	75.2	30.6	1,187.2	221.3	1,408.5
	1982	1,262.2	238.2	83.3	35.5	1,345.5	273.7	1,619.2
Commercial Services	1976	82.0	587.9	17.2	93.8	99.2	681.7	780.9
	1977	79.2	705.3	17.9	103.1	97.1	808.4	905.5
	1978	100.3	878.2	23.8	118.5	124.1	996.7	1,120.8
	1979	166.8	1,140.7	30.7	129.9	197.5	1,270.6	1,468.1
	1980^r	256.5	1,326.3	33.5	130.7	290.0	1,457.0	1,747.0
	1981^p	289.2	1,454.1	40.2	167.9	329.4	1,622.0	1,951.4
	1982	266.3	1,793.2	40.9	197.1	307.2	1,990.3	2,297.5
Institutions	1976	259.5	78.4	50.9	19.2	310.4	97.6	408.0
	1977	281.7	90.3	65.2	23.0	346.9	113.3	460.2
	1978	283.1	91.4	64.4	25.5	347.5	116.9	464.4
	1979	257.4	105.5	64.9	31.0	322.3	136.5	458.8
	1980^r	311.1	141.6	79.1	36.8	390.2	178.4	568.6
	1981^p	308.7	146.1	86.2	37.3	394.9	183.4	578.3
	1982	355.6	141.2	90.0	38.7	445.6	179.9	625.5
Government departments	1976	1,345.8	245.3	178.2	43.3	1,524.0	288.6	1,812.6
	1977	1,350.6	274.8	206.7	45.9	1,557.3	320.7	1,878.0
	1978	1,434.6	251.9	223.3	46.5	1,657.9	298.4	1,956.3
	1979	1,536.3	234.1	225.3	58.9	1,761.6	293.0	2,054.6
	1980^r	1,617.3	248.9	256.3	66.0	1,873.6	314.9	2,188.5
	1981^p	1,756.0	362.3	332.2	84.5	2,088.2	446.8	2,535.0
	1982	1,943.4	408.7	361.4	92.8	2,304.8	501.5	2,806.3
Housing	1976	3,610.5	–	725.5	–	4,336.0	–	4,336.0
	1977	3,745.8	–	810.2	–	4,556.0	–	4,556.0
	1978	3,698.6	–	917.8	–	4,616.4	–	4,616.4
	1979	3,548.2	–	1,043.0	–	4,591.2	–	4,591.2
	1980^r	3,140.3	–	1,121.9	–	4,262.2	–	4,262.2
	1981^p	3,774.2	–	1,254.4	–	5,028.6	–	5,028.6
	1982	3.697.4	–	1,382.9	–	5,080.3	–	5,080.3
Total	1976	8,370.0	5,578.2	1,695.8	2,484.7	10,065.8	8,796.4	19,409.9
	1977	8,274.5	6,007.7	1,889.0	2,788.7	10,613.5	8,796.4	19,409.9
	1978	8,914.4	6,647.0	2,065.2	3,099.1	10,979.6	9,746.1	20,725.1
	1979	9,220.0	7,873.3	2,350.4	3,574.4	11,570.4	11,447.7	23,018.1
	1980^r	9,864.8	9,241.3	2,574.4	3,966.7	12,439.2	13,208.0	25,647.2
	1981^p	11,743.0	11,044.7	2,824.7	4,360.8	14,567.7	15,405.5	29,973.2
	1982	12,956.3	12,439.4	3,130.9	5,007.9	16,087.2	17,447.3	33,534.5

1) Preliminary actual 1981, intentions 1982.

2) Capital expenditures on machinery and equipment include an estimate for capital items charge to operating expenses in the manufacturing, utilities and trade totals.

Source: SC, *Private and Public Investment in Canada*, (61-205).

Table 21.5

Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
				$ Million				
St. John's	1976	1.1	3.1	0.4	2.4	1.5	5.5	7.0
	1977	3.0	4.9	0.6	3.2	3.6	8.1	11.7
	1978	2.5	6.2	0.6	3.4	3.1	9.6	12.7
	1979	3.7	4.8	1.0	2.9	4.7	7.7	12.4
	1980^r	2.7	6.6	0.5	2.9	3.2	9.5	12.7
	1981^p	2.4	4.3	0.4	2.2	2.8	6.5	9.3
	1982	1.8	7.8	0.4	2.1	2.2	9.9	12.1
Halifax	1976	10.0	8.1	4.1	4.2	14.1	12.3	26.4
	1977	9.4	8.4	5.2	4.8	14.6	13.2	27.8
	1978	12.4	8.6	5.1	4.5	17.5	13.1	30.6
	1979	29.6	12.4	8.3	6.1	37.9	18.5	56.4
	1980^r	20.8	13.4	11.5	6.9	32.3	20.3	52.6
	1981^p	24.2	15.2	13.1	7.5	37.3	22.7	60.0
	1982	31.1	20.5	15.9	8.4	47.0	28.9	75.9
Québec	1976	8.7	17.1	4.1	13.0	12.8	30.1	42.9
	1977	8.2	22.0	4.6	14.3	12.8	36.3	49.1
	1978	12.8	31.2	4.7	16.2	17.5	47.4	64.9
	1979	13.4	42.4	5.9	19.9	19.3	62.3	81.6
	1980^r	24.2	71.5	9.0	22.0	33.2	93.5	126.7
	1981^p	44.5	74.2	9.6	22.5	54.1	96.7	150.8
	1982	70.2	87.9	8.3	21.1	78.5	109.0	187.5
Montréal	1976	104.8	281.5	68.0	200.2	172.8	481.7	654.5
	1977	108.5	305.8	86.7	220.5	195.2	526.3	721.5
	1978	103.0	306.5	84.0	236.9	187.0	543.4	730.4
	1979	140.3	358.8	97.1	255.3	237.4	614.1	851.5
	1980^r	176.8	568.8	123.7	303.1	300.5	871.9	1,172.4
	1981^p	201.3	526.7	142.7	310.1	344.0	836.8	1,180.8
	1982	250.6	546.1	167.5	327.8	418.1	873.9	1,292.0
Ottawa-Hull	1976	1.5	30.3	2.2	20.2	3.7	50.5	54.2
	1977	5.9	40.2	2.7	22.6	8.6	62.8	71.4
	1978	9.6	36.2	3.4	28.0	13.0	64.2	77.2
	1979	8.1	46.7	3.6	28.5	11.7	75.2	86.9
	1980^r	14.3	76.0	4.4	32.1	18.7	108.1	126.8
	1981^p	34.3	98.1	7.7	36.5	42.0	134.6	176.6
	1982	77.5	82.1	7.7	38.9	85.2	121.0	206.2
Toronto	1976	141.2	451.3	56.6	230.0	197.8	681.3	879.1
	1977	183.3	574.2	66.1	248.2	249.4	822.4	1,071.8
	1978	151.9	596.3	67.5	268.4	219.4	864.7	1,084.1
	1979	176.3	742.0	86.0	290.3	262.3	1,032.3	1,294.6
	1980^r	280.8	917.3	99.9	320.1	380.7	1,237.4	1,618.1
	1981^p	346.2	1,108.5	97.4	325.5	443.6	1,434.0	1,877.6
	1982	276.7	1,181.6	116.8	365.8	393.5	1,547.4	1,940.9
Hamilton	1976	43.2	176.6	29.7	277.3	72.9	453.9	526.8
	1977	52.3	237.3	45.8	296.1	98.1	533.4	631.5
	1978	32.2	257.4	38.8	360.5	71.0	617.9	688.9
	1979	44.1	224.1	46.0	423.6	90.1	647.7	737.8
	1980^r	79.1	342.0	44.7	453.1	123.8	795.1	918.9
	1981^p	79.4	425.3	43.1	440.0	122.5	865.3	987.8
	1982	92.1	485.8	56.8	589.5	148.9	1,075.3	1,224.2

Table 21.5 (cont'd.)

Capital and Repair Investment in Manufacturing, by Selected Metropolitan Area, Canada and Ontario, 1976-1982[1]

		Capital Expenditures		Repair Expenditures		Capital and Repair Expenditures		
		Construction	Machinery and Equipment[2]	Construction	Machinery and Equipment	Construction	Machinery and Equipment[2]	Total
					$ Million			
London	1976	4.5	38.7	4.0	24.3	8.5	63.0	71.5
	1977	13.6	66.1	5.7	33.0	19.3	99.1	118.4
	1978	15.6	62.1	5.4	34.4	21.0	96.5	117.5
	1979	24.1	104.7	7.0	33.5	31.1	138.2	169.3
	1980^r	30.6	118.9	8.9	32.8	39.5	151.7	191.2
	1981^p	21.1	118.5	6.0	34.5	27.1	163.0	180.1
	1982	15.2	135.1	6.3	36.0	21.5	171.1	192.6
Windsor	1976	7.6	52.9	8.0	56.0	15.6	108.9	124.5
	1977	29.9	94.4	7.0	68.1	36.9	162.5	199.4
	1978	36.3	178.3	6.9	73.7	43.2	252.0	295.2
	1979	111.6	167.7	5.7	89.6	117.3	257.3	374.6
	1980^r	175.3	527.5	6.8	69.2	182.1	596.7	778.8
	1981^p	50.6	412.0	14.3	90.4	64.9	502.4	567.3
	1982	18.2	143.9	19.5	106.7	37.7	250.6	288.3
Windsor	1976	18.7	38.4	6.6	23.3	25.3	61.7	87.0
	1977	15.8	42.5	8.1	24.6	23.9	67.1	91.0
	1978	10.0	36.7	6.6	25.9	16.6	62.6	79.2
	1979	19.2	55.8	9.8	30.7	29.0	86.5	115.5
	1980^r	27.4	65.0	10.8	36.1	38.2	101.1	139.3
	1981^p	29.6	66.4	12.0	36.1	41.6	102.5	144.1
	1982	30.2	93.2	10.2	39.3	40.4	132.5	172.9
Calgary	1976	11.0	35.9	3.0	24.8	14.0	60.7	74.7
	1977	17.2	45.7	3.2	28.6	20.4	74.3	94.7
	1978	17.1	52.3	3.5	23.3	20.6	75.6	96.2
	1979	19.1	58.4	4.1	32.0	23.2	90.4	113.6
	1980^r	20.8	82.7	4.3	37.8	25.1	120.5	145.6
	1981^p	22.3	79.5	5.1	43.6	27.4	123.1	150.5
	1982	28.6	84.7	5.1	48.4	33.7	133.1	166.8
Edmonton	1976	21.6	72.6	18.3	40.6	39.9	113.2	153.1
	1977	59.3	150.6	17.8	43.9	77.1	194.5	271.6
	1978	99.5	256.6	16.7	49.2	116.2	305.8	422.0
	1979	72.9	269.5	23.4	68.4	96.3	337.9	434.2
	1980^r	70.6	181.4	27.1	83.8	97.7	265.2	362.9
	1981^p	185.3	225.0	41.3	94.5	226.6	319.5	546.1
	1982	249.6	258.5	46.7	110.0	296.3	368.5	664.8
Vancouver	1976	41.5	110.2	19.1	81.4	60.6	191.6	252.2
	1977	40.4	147.7	22.0	93.9	62.4	241.6	304.0
	1978	36.6	120.2	24.3	119.8	60.9	240.0	300.9
	1979	51.8	150.1	25.1	119.0	76.9	269.1	346.0
	1980^r	81.1	179.5	29.0	120.2	110.1	299.7	409.8
	1981^p	116.2	289.3	29.8	122.4	146.0	411.7	557.7
	1982	114.4	258.5	37.4	137.0	151.8	395.5	547.3
Victoria	1976	1.9	7.0	0.7	6.1	2.6	13.1	15.7
	1977	0.3	5.8	0.6	7.1	0.9	12.9	13.8
	1978	1.5	5.2	1.0	8.0	2.5	13.2	15.7
	1979	2.4	10.7	1.2	9.2	3.6	19.9	23.5
	1980^r	1.6	7.9	1.3	10.4	2.9	18.3	21.2
	1981^p	2.5	5.8	0.6	7.9	3.1	13.7	16.8
	1982	1.7	3.7	0.6	9.6	2.3	13.3	15.6

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1) Preliminary actual 1981; intentions 1982.

2) Capital expenditures on machinery and equipment include an estimate for capital items charged to operating expenses.

Source: SC *Private and Public Investment*, (61-205).

	Construction			Machinery and Equipment			Total		
	1980^r	1981^p	Per Cent Change	1980^r	1980^p	Per Cent Change	1980^r	1981^p	Per Cent Change
	$ Million			$ Million			$ Million		
				Capital Expenditures					
Primary Industries and Construction Industry	764.0	893.1	16.9	1,105.0	1,180.5	6.8	1,869.0	2,073.6	10.9
Manufacturing	1,047.2	1,108.2	5.8	3,731.5	4,672.1	25.2	4,778.7	5,780.3	21.0
Food and Beverages	83.0	80.5	-3.0	269.0	280.1	4.1	352.0	360.6	2.4
Rubber	19.6	20.7	5.6	99.9	112.9	13.0	119.5	133.6	11.8
Textiles	6.8	7.2	5.9	70.8	64.2	-9.3	77.6	71.4	-8.0
Clothing	2.7	5.3	96.3	9.0	10.5	16.7	11.7	15.8	35.0
Knitting Mills	0.7	1.0	42.9	5.3	6.6	24.5	6.0	7.6	26.7
Wood	10.7	8.0	-25.2	49.7	51.8	4.2	60.4	59.8	-1.0
Furniture & Fixtures	4.0	17.0	325.0	14.0	19.9	42.1	18.0	36.9	105.0
Paper & Allied Industries	51.6	126.5	145.2	243.7	499.3	104.9	295.3	625.8	111.9
Printing, Publishing and Allied Industries	13.8	18.4	33.3	92.5	98.6	6.6	106.3	117.0	10.1
Primary Metal	164.7	146.2	-11.2	543.4	735.8	35.4	708.1	882.0	24.6
Metal Fabricating	64.6	36.8	-43.0	200.6	201.6	0.5	265.2	238.4	-10.1
Machinery	47.5	59.1	24.4	95.5	127.2	33.2	143.0	186.3	30.3
Transportation Equipment	295.0	185.3	-37.2	786.0	822.4	4.6	1,081.0	1,007.7	-6.8
Electrical Products	49.6	57.7	16.3	160.4	212.2	32.3	210.0	269.9	28.5
Non-Metallic Mineral Prod.	22.8	25.9	13.6	68.6	105.3	53.5	91.4	131.2	43.5
Petroleum & Coal Products	44.9	91.8	104.5	32.4	29.2	9.9	77.3	121.0	56.5
Chemical & Chem. Products	130.2	179.2	37.6	402.7	604.9	50.2	532.9	784.1	47.1
Other	35.0	41.6	18.9	588.0	689.6	17.3	623.0	731.2	17.4
Utilities	1,575.8	2,345.7	48.8	2,083.1	2,537.7	21.8	3,658.9	4,883.4	33.5
Trade, Finance and Commercial Services	1,409.1	1,557.1	10.5	1,931.2	2,146.0	11.1	3,340.3	3,703.1	10.9
Housing	3,140.3	3,774.2	20.2	–	–		3,140.3	3,774.2	20.2
Institutions and Government Departments	1,928.4	2,064.7	7.1	390.5	508.4	30.2	2,318.9	2,573.1	11.0
Total Private and Public Investment in Ontario	9,864.8	11,743.0	19.0	9,241.3	11,044.7	19.5	19,106.1	22,787.7	19.3

1) Preliminary actual expenditures for 1981.

Source: SC *Private and Public Investment*, (61-205).

Table 21.7

Total Value of Building Construction by Type of Structure, Ontario, 1952-1981[1]

	Total Building Construction	Residential	Industrial	Commercial	Institutional	Other Building Construction
			$'000's			
1952	928,813	396,985	229,739	160,639	105,895	35,555
1953	1,093,983	511,206	200,209	196,506	109,803	76,259
1954	1,216,568	623,094	190,365	214,974	127,048	61,087
1955	1,380,174	754,154	182,923	210,127	158,194	74,776
1956	1,498,383	735,203	288,159	224,180	152,927	97,914
1957	1,562,669	738,706	300,092	276,126	159,499	88,246
1958	1,637,677	909,728	173,116	285,082	192,162	77,589
1959	1,603,391	857,286	175,296	276,829	208,183	85,797
1960	1,538,444	745,428	198,242	272,819	217,762	104,193
1961	1,529,821	756,399	168,936	266,517	217,979	119,990
1962	1,604,075	721,666	195,094	263,230	304,908	119,177
1963	1,737,892	792,630	226,784	262,989	350,454	105,035
1964	1,918,422	980,436	266,381	317,640	264,052	89,913
1965	2,299,263	1,119,926	334,737	383,349	363,310	97,941
1966	2,617,912	1,155,534	478,147	449,916	430,259	104,056
1967	2,759,162	1,252,985	410,887	491,345	487,617	116,328
1968	2,962,615	1,484,984	322,086	462,903	583,497	109,145
1969	3,247,321	1,751,751	363,538	469,356	542,241	120,435
1970	3,424,377	1,629,204	511,188	588,963	530,398	164,624
1971	3,749,822	2,023,245	351,154	651,381	546,068	177,974
1972	4,237,394	2,458,371	375,369	728,230	480,185	195,239
1973	5,029,428	3,062,253	471,478	900,460	403,134	192,103
1974	5,904,100	3,466,233	649,940	1,151,070	401,211	235,646
1975	5,757,247	3,190,683	654,649	1,218,892	418,394	274,629
1976	6,783,354	4,336,034	633,599	1,086,840	411,184	315,697
1977	7,078,460	4,555,992	717,914	1,090,548	410,489	303,517
1978	7,207,418	4,616,484	667,141	1,151,063	413,793	358,937
1979^{r}	7,794,586	4,591,191	942,156	1,460,738	391,621	408,880
1980	7,965,310	4,229,880	1,146,925	1,682,554	447,841	458,110
1981	8,621,518	4,635,558	1,129,952	1,891,591	463,935	500,482

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1) Actual expenditures 1952-1979, preliminary actual 1980, intentions 1981.

Source: SC, *Construction in Canada*.

Table 21.8

Total Value of Engineering Construction by Type of Structure, Ontario, 1952-1981[1]

	Total Engineering Construction	Road, Highway, and Aerodrome Construction	Waterworks and Sewage Systems	Dams and Irrigation	Electric Power Construction	Railway, Telephone, and Telegraph	Gas and Oil Facilities	Marine Construction	Other Engineering Construction
					$'000's				
1952	547,555	192,519[2]	47,716	4,460	140,368	84,849	51,435	14,103	12,105
1953	540,254	130,812	52,266	3,538	141,917	86,799	45,568	13,130	66,224
1954	531,490	144,491	57,527	5,032	127,879	94,583	30,232	21,250	50,496
1955	542,915	168,584	57,723	5,656	104,730	114,077	25,469	17,839	48,837
1956	700,304	176,724	71,664	7,575	164,974	120,713	50,271	25,986	82,397
1957	975,048	203,400	82,474	5,853	197,600	131,921	208,396	43,898	101,506
1958	990,976	216,104	76,046	6,419	155,613	138,007	254,872	62,699	81,216
1959	815,290	247,246	86,863	4,659	130,782	140,596	86,347	31,170	87,625
1960	816,184	251,930	99,521	4,989	118,422	143,053	69,104	25,426	103,739
1961	799,059	210,419	89,489	4,645	112,087	131,408	71,382	23,175	156,454
1962	823,066	239,852	89,332	5,193	122,671	132,684	99,677	14,768	118,909
1963	884,420	253,560	111,443	11,329	114,861	141,430	101,632	11,413	138,752
1964	893,146	235,167	112,049	13,397	117,070	128,770	92,375	17,731	176,587
1965	951,237	296,360	122,137	11,885	145,270	130,008	71,173	33,939	140,465
1966	1,196,472	362,573	170,687	21,252	172,927	164,682	111,406	36,096	156,849
1967	1,229,017	387,959	150,653	12,879	197,922	147,140	123,452	24,863	184,149
1968	1,346,819	399,493	169,023	10,278	253,542	172,030	137,472	31,380	173,601
1969	1,395,900	388,735	154,092	20,239	309,897	179,971	102,509	32,080	208,377
1970	1,560,492	389,944	207,915	16,298	353,096	199,388	105,046	25,328	263,477
1971	1,847,082	450,164	242,620	20,245	358,919	214,223	133,456	25,789	401,666
1972	2,038,419	457,272	291,753	25,754	368,431	230,516	157,716	38,282	468,695
1973	2,106,529	493,202	319,095	26,385	391,359	273,461	188,562	25,799	388,666
1974	2,597,178	583,759	456,148	34,651	469,739	371,610	220,423	32,019	428,829
1975	3,232,152	634,445	518,741	39,690	737,175	339,648	348,318	33,153	580,962
1976	3,282,600	604,501	563,098	39,143	588,752	397,247	291,647	38,170	760,042
1977	3,535,175	706,855	590.902	38,592	653,724	437,642	324,981	68,655	713,824
1978	3,772,049	798,032	627,039	43,032	764,183	492,626	295,484	39,196	712,457
1979[r]	3,775,774	855,168	639,985	47,500	805,297	550,572	219,279	33,793	624,130
1980	4,042,331	875,920	560,759	46,433	897,334	640,342	251,861	40,844	728,838
1981	4,768,029	888,115	605,588	50,311	1,098,137	678,112	389,335	47,746	1,010,685

1) Actual expenditures 1952-1979, preliminary actual 1980, intentions 1981
2) Includes bridges, 1952 only.

Source: SC, *Construction in Canada*.

Table 21.9

Value of Construction Work Performed, Total and Contract, Labour Content and Cost of Materials Used, Ontario, 1956-1981[1]

	Total Construction				Contract Construction Only			
	Labour Content		Cost of Materials Used	Value of Work Performed	Labour Content		Cost of Materials Used	Value of Work Performed
	Number	Value			Number	Value		
			$'000's				$'000's	
1956	197,910	741,549	1,076,957	2,198,687	131,909	517,644	846,912	1,669,514
1957	210,492	858,281	1,212,620	2,537,717	142,498	607,746	960,262	1,965,776
1958	216,479	906,990	1,217,912	2,628,653	146,167	645,930	987,518	2,074,967
1959	197,605	854,189	1,143,098	2,418,681	132,671	593,768	891,220	1,843,680
1960	187,424	848,479	1,113,895	2,354,628	121,967	582,976	901,573	1,811,648
1961	175,232	812,923	1,093,342	2,328,880	122,803	587,048	888,773	1,835,335
1962	175,266	845,953	1,166,323	2,427,161	129,099	626,990	967,583	1,944,831
1963	174,415	898,430	1,263,594	2,622,312	129,093	679,182	1,055,812	2,125,432
1964	176,261	953,009	1,384,359	2,811,568	131,780	727,085	1,177,576	2,307,215
1965	193,936	1,129,635	1,592,766	3,250,500	141,994	847,078	1,332,556	2,645,441
1966	204,368	1,305,993	1,767,955	3,814,384	156,750	1,023,714	1,501,754	3,172,015
1967	206,505	1,397,522	1,781,571	3,988,179	158,441	1,095,022	1,487,692	3,282,437
1968	216,225	1,570,875	1,969,168	4,309,434	162,013	1,202,957	1,624,208	3,469,777
1969	207,998	1,650,972	2,119,482	4,643,221	159,956	1,292,284	1,722,018	3,742,363
1970	206,616	1,857,515	2,132,375	4,984,869	157,724	1,445,088	1,782,313	4,020,069
1971	206,856	2,092,294	2,270,153	5,596,904	161,293	1,659,825	1,871,515	4,560,418
1972	198,933	2,259,346	2,498,628	6,275,813	158,983	1,836,584	2,115,470	5,153,906
1973	237,103	2,681,124	2,844,763	7,135,957	192,507	2,179,740	2,358,291	5,840,929
1974	229,975	3,029,778	3,396,620	8,501,278	184,492	2,474,262	2,817,116	6,969,667
1975	217,335	3,183,499	3,567,106	8,989,399	173,963	2,587,166	2,897,909	7,264,581
1976	222,004	3,605,275	3,784,763	10,065,954	184,094	3,029,879	3,178,166	8,485,000
1977	205,662	3,695,312	4,053,774	10,613,635	166,605	3,036,554	3,393,503	8,804,748
1978	220,264	4,186,858	4,105,481	10,979,467	167,380	3,227,146	3,396,581	9,005,862
1979^{r}	216,714	4,479,178	4,450,865	11,570,360	163,670	3,437,348	3,645,155	9,398,407
1980	207,356	4,724,167	4,621,912	12,007,641	154,251	3,573,888	3,733,859	9,621,581
1981	220,311	5,288,190	5,141,868	13,389,547	162,673	3,934,184	4,096,960	10,592,606

1) Actual expenditures 1952-1979, preliminary actual 1980, intentions 1981.

Source: SC, Construction Division,
Construction in Canada.

Table 21.10

Total Value of Construction Work Performed, Ontario, 1952-1981[1]

	New	Repair	Total
		$'000's	
1952	1,155,061	321,307	1,476,368
1953	1,305,046	329,191	1,634,237
1954	1,365,623	382,435	1,748,058
1955	1,541,853	381,236	1,923,089
1956	1,824,614	374,073	2,198,687
1957	2,096,995	440,722	2,537,717
1958	2,174,654	453,999	2,628,653
1959	1,931,021	487,660	2,418,681
1960	1,849,164	505,464	2,354,628
1961	1,828,322	500,558	2,328,880
1962	1,914,566	512,595	2,427,161
1963	2,090,561	531,751	2,622,312
1964	2,234,826	576,742	2,811,568
1965	2,611,390	639,110	3,250,500
1966	3,115,669	698,715	3,814,384
1967	3,231,661	756,518	3,988,179
1968	3,484,595	824,839	4,309,434
1969	3,825,351	817,870	4,643,221
1970	4,127,045	857,824	4,984,869
1971	4,661,922	934,982	5,596,904
1972	5,253,096	1,022,717	6,275,813
1973	5,981,483	1,154,474	7,135,957
1974	7,087,533	1,413,745	8,501,278
1975	7,493,166	1,496,233	8,989,399
1976	8,370,048	1,695,906	10,065,954
1977	8,724,291	1,889,344	10,613,635
1978	8,914,240	2,065,227	10,979,467
1979	9,220,015	2,350,345	11,570,360
1980	9,470,309	2,537,332	12,007,641
1981	10,645,740	2,743,807	13,389,547

1) Actual expenditures 1952-1979, preliminary actual 1980, intentions 1981.

Source: SC, *Construction in Canada*.

Table 21.11

Number and Value of Building Permits Issued, by Province, Canada, 1981

	Number of Dwelling Units						
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total
1981				Units			
Canada	83,895	1,935	11,698	17,575	75,185	2,461	192,749
Ontario	24,328	708	5,728	5,758	16,782	497	53,801
Newfoundland	932	7	110	309	404	31	1,793
Prince Edward Island	296	94	6	23	29	1	449
Nova Scotia	2,957	264	88	92	971	65	4,437
New Brunswick	1,014	24	10	–	252	76	1,376
Québec	13,298	475	2,020	951	13,552	1,241	31,537
Manitoba	2,448	79	66	–	122	6	2,721
Saskatchewan	2,944	35	414	38	2,826	36	6,293
Alberta	19,698	122	2,034	6,183	22,423	71	50,531
British Columbia	15,811	98	1,220	4,221	17,824	437	39,611
Yukon	140	29	2	–	–	–	171
Northwest Territories	29	–	–	–	–	–	29

Table 21.11 (cont'd.)

	Estimated Value of Construction				
	Residential	Industrial	Commercial	Institutional and Government	Total
1981			$'000's		
Canada	9,814,606	1,731,232	5,229,837	1,959,807	18,735,482
Ontario	2,935,278	784,085	1,291,109	419,133	5,429,605
Newfoundland	83,044	5,252	49,402	9,956	147,654
Prince Edward Island	18,837	3,617	13,858	7,024	43,336
Nova Scotia	196,312	43,899	76,245	60,086	376,542
New Brunswick	64,599	31,420	79,291	49,033	224,343
Québec	1,481,180	325,167	656,686	400,679	2,863,712
Manitoba	156,532	37,150	99,715	47,445	340,842
Saskatchewan	275,002	56,431	165,932	77,474	574,839
Alberta	2,373,167	209,674	2,069,893	478,206	5,130,940
British Columbia	2,220,548	224,146	717,242	393,850	3,555,786
Yukon	8,194	9,272	7,772	11,275	36,513
Northwest Territories	1,913	1,119	2,692	5,646	11,370

Source: SC, *Building Permits*, (64-203)

Table 21.12

Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1981

	Residential Units							
	Single Dwellings	Cottages	Double Dwellings	Row Housing	Apartments	Conversions	Total	Estimated Value
	Number of Units							$'000's
1966								
Canada	61,958	..	12,359	..	58,062	2,136	134,515	1,592,001
Ontario	27,766	..	3,368	..	29,199	577	60,910	728,037
1967								
Canada	65,411	..	13,867	..	81,914	2,257	163,479	1,923,644
Ontario	28,937	..	4,321	..	38,552	633	72,443	888,712
1968								
Canada	70,136	..	14,320	..	117,763	2,624	204,843	2,405,632
Ontario	31,973	..	5,227	..	51,146	743	89,089	1,123,191
1969								
Canada	65,765	..	11,702	..	114,942	2,581	194,990	2,429,190
Ontario	31,237	..	4,711	..	44,220	763	80,931	1,114,578
1970								
Canada	60,119	..	11,790	..	104,295	2,425	178,629	2,311,563
Ontario	23,640	..	4,776	..	49,008	707	78,131	1,079,037
1971								
Canada	84,055	2,708	16,657	...[1]	124,648[1]	2,337	230,405	3,203,063
Ontario	31,128	2,116	8,190	...[1]	54,833[1]	634	96,901	1,455,512
1972								
Canada	96,489	2,606	15,919	16,623	110,364	2,056	244,057	3,638,411
Ontario	35,724	2,047	8,515	9,218	49,124	576	105,204	1,714,080
1973								
Canada	112,428	2,644	14,185	16,067	123,861	2,047	271,232	4,763,082
Ontario	39,079	2,087	8,032	11,509	62,530	501	123,738	2,366,024
1974								
Canada	102,064	2,820	11,731	13,944	66,314	1,998	198,871	4,575,710
Ontario	31,384	2,015	5,900	9,291	33,223	529	82,342	2,002,203
1975								
Canada	118,635	2,592	16,725	19,460	80,798	1,460	239,670	6,128,940
Ontario	35,707	1,504	9,493	11,590	32,622	382	91,298	2,462,399
1976								
Canada	123,900	2,962	16,386	27,726	89,790	1,629	262,393	7,475,815
Ontario	32,321	1,164	8,861	16,023	25,218	408	83,995	2,563,363
1977								
Canada	106,768	2,958	19,782	24,307	97,853	1,971	253,639	7,612,531
Ontario	28,341	1,170	10,181	11,531	28,544	485	80,252	2,609,365
1978								
Canada	105,357	2,517	18,469	17,263	72,086	1,844	217,536	7,566,670
Ontario	26,536	1,012	8,233	8,681	25,214	402	70,078	2,496,117
1979								
Canada	102,227	2,164	15,828	11,521	54,251	2,146	188,137	7,767,074
Ontario	25,968	824	7,475	4,790	15,173	448	54,678	2,373,495
1980								
Canada	87,527	2,122	10,360	9,227	46,261	2,283	157,780	7,467,908
Ontario	18,461	757	4,021	3,109	11,607	547	38,502	1,960,036
1981								
Canada	83,895	1,935	11,698	17,575	75,185	2,461	192,749	9,814,606
Ontario	24,328	708	5,728	5,758	16,782	497	53,801	2,935,278

Table 21.12 (cont'd.)

Number of Building Permits Issued and Estimated Value of Construction, Canada and Ontario, 1966-1981

	Non-Residential Units				Estimated Value			
	Industrial	Commercial	Institutional and Government	Total	Industrial	Commercial	Institutional and Government	Total
	Number of Units				$'000's			
1966								
Canada	..	..	..	..	473,661	736,726	912,702	2,123,089
Ontario	..	..	..	..	281,534	330,479	452,802	1,064,815
1967								
Canada	..	..	..	..	424,947	677,001	1,042,241	2,144,189
Ontario	..	..	..	..	200,868	280,856	515,514	997,238
1968								
Canada	..	..	..	..	530,670	696,203	1,143,210	2,370,083
Ontario	..	..	..	..	183,294	294,108	550,900	1,028,302
1969								
Canada	..	..	..	..	567,048	839,155	1,060,158	2,466,361
Ontario	..	..	..	..	297,807	362,663	507,290	1,167,760
1970								
Canada	..	..	..	..	497,682	807,374	1,083,540	2,388,596
Ontario	..	..	..	..	230,560	414,513	578,223	1,223,296
1971								
Canada	..	..	..	..	470,924	1,069,785	996,355	2,537,064
Ontario	..	..	..	..	196,882	488,607	459,263	1,144,752
1972								
Canada	..	..	..	..	520,479	1,411,599	893,119	2,825,197
Ontario	..	..	..	..	278,890	564,472	430,965	1,274,327
1973								
Canada	14,223	39,082	5,706	59,011	853,754	1,970,340	971,762	3,795,856
Ontario	8,029	15,063	2,161	25,253	428,004	849,323	377,689	1,655,016
1974								
Canada	14,910	38,357	5,940	59,207	1,315,898	2,292,665	1,095,802	4,704,365
Ontario	8,465	14,368	2,603	25,436	533,896	905,229	385,367	1,824,492
1975								
Canada	15,074	41,023	6,221	62,318	875,826	2,251,483	1,341,786	4,469,095
Ontario	8,133	17,114	2,500	27,747	434,829	918,508	493,205	1,846,542
1976								
Canada	15,696	43,550	5,825	65,071	1,010,015	2,545,513	1,167,988	4,723,516
Ontario	7,572	16,511	2,292	26,375	473,498	685,839	351,622	1,510,959
1977								
Canada	16,967	44,906	5,927	67,800	1,011,957	2,444,382	1,350,940	4,807,279
Ontario	7,870	16,497	2,317	26,684	443,756	711,253	410,783	1,565,792
1978								
Canada	18,906	49,628	6,661	75,195	1,053,590	3,140,478	1,373,956	5,568,024
Ontario	9,722	18,764	2,780	31,266	471,537	973,359	300,312	1,745,208
1979								
Canada	18,943	54,344	7,327	80,614	1,315,545	3,727,162	1,334,162	6,376,869
Ontario	9,586	19,217	2,713	31,516	576,432	1,032,055	344,490	1,952,977
1980								
Canada	18,496	54,727	7,940	81,163	1,911,408	4,321,517	1,751,287	7,984,212
Ontario	9,599	18,896	2,783	31,278	710,297	1,306,934	427,638	2,444,869
1981								
Canada	17,257	57,556	7,387	82,200	1,731,252	5,229,837	1,959,807	8,920,876
Ontario	9,100	19,789	2,896	31,785	784,085	1,291,109	419,133	2,494,327

1) Row housing is included with Apartments.

Source: SC, *Building Permits*, (64-203).

Table 21.13

Dwelling Starts, Completions and Under Construction, Canada and Ontario, 1950-1981

	Starts		Completions		Under Construction	
	Canada	Ontario	Canada	Ontario	Canada	Ontario
1950	92,531	33,430	89,075	31,318	60,538	24,331
1951	68,579	27,349	81,310	31,732	45,926	19,258
1952	83,246	30,016	73,087	27,461	55,689	20,513
1953	102,409	38,873	96,839	35,173	59,923	24,134
1954	113,527	46,382	101,965	41,085	68,641	27,941
1955	138,276	53,456	127,929	51,612	79,339	29,794
1956	127,311	48,712	135,700	51,201	68,579	26,232
1957	122,340	47,739	117,283	45,087	72,573	29,782
1958	164,632	63,753	146,686	59,551	88,162	33,414
1959	141,345	54,158	145,671	54,281	81,905	32,827
1960	108,858	42,282	123,757	46,982	65,773	28,335
1961	125,577	48,144	115,608	43,754	73,583	31,936
1962	130,095	44,306	126,682	47,287	76,153	28,932
1963	148,624	55,957	128,191	43,400	96,613	41,401
1964	165,658	65,617	150,963	57,739	107,718	48,835
1965	166,565	66,767	153,037	56,568	119,854	58,172
1966	134,474	52,355	162,192	68,407	88,621	39,478
1967	164,123	68,121	149,242	58,278	102,716	48,816
1968	196,878	80,375	170,993	68,003	126,638	60,035
1969	210,415	81,446	195,826	80,236	137,357	60,615
1970	190,528	76,675	175,827	69,331	148,185	66,912
1971	233,653	89,980	201,232	74,149	177,257	82,465
1972	249,914	102,933	232,227	96,438	188,630	87,358
1973	268,529	110,536	246,581	98,262	207,236	98,566
1974	222,123	85,503	257,243	104,360	168,406	78,517
1975	231,456	79,968	216,964	81,865	176,599	75,690
1976	273,203	84,682	236,249	80,302	204,286	78,359
1977	245,724	79,130	251,789	80,717	185,599	75,518
1978	227,667	71,710	246,553	80,429	164,702	66,106
1979	197,049	56,887	226,489	76,570	128,601	44,851
1980	158,601	40,127	176,168	54,021	105,780	31,187
1981	177,973	50,161	174,996	45,557	102,829	34,071

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.14
Dwelling Starts by Type, Canada and Ontario, 1959-1981

	Single-Detached		Semi-Detached and Duplex		Row		Apartment and Other	
	Canada	Ontario	Canada	Ontario	Canada	Ontario	Canada	Ontario
1959	92,178	34,694	10,468	3,371	1,908	482	36,791	15,611
1960	67,171	23,979	9,699	2,963	2,301	920	29,687	14,420
1961	76,430	26,227	11,650	3,962	1,864	664	35,633	17,291
1962	74,443	23,386	10,975	3,222	3,742	1,285	40,935	16,413
1963	77,158	27,000	7,891	4,265	3,895	2,300	59,680	22,392
1964	77,079	27,880	8,706	3,827	4,755	2,833	75,118	31,077
1965	75,441	26,572	7,924	3,006	5,306	3,802	77,894	33,387
1966	70,642	26,229	7,281	3,275	5,000	3,927	51,551	18,924
1967	72,534	26,595	9,939	3,914	7,392	4,952	74,258	32,660
1968	75,339	29,582	10,114	4,598	8,042	5,480	103,383	40,715
1969	78,404	30,556	10,373	4,928	10,721	5,915	110,917	40,047
1970	70,749	21,577	10,826	4,624	17,055	8,130	91,898	42,344
1971	98,056	31,088	13,751	7,395	15,659	7,602	106,187	43,895
1972	115,570	37,932	13,649	8,237	16,980	8,811	103,715	47,953
1973	131,552	42,751	13,235	7,950	17,291	11,977	106,451	47,858
1974	122,143	33,886	11,023	6,058	14,932	9,518	74,025	36,041
1975	123,929	33,669	15,403	8,543	21,763	12,212	70,361	25,544
1976	134,313	32,252	15,890	8,502	33,676	17,918	89,324	26,010
1977	108,403	27,899	18,373	10,364	26,621	13,782	92,327	27,085
1978	110,029	27,949	19,932	8,607	20,379	9,073	77,327	26,081
1979	109,117	28,261	16,296	7,899	13,249	5,745	58,387	14,982
1980	87,721	18,693	11,149	4,628	11,402	3,826	48,329	12,980
1981	89,071	24,440	11,768	5,533	15,525	4,863	61,609	15,325

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.15

Dwelling Starts by Type, by Census Metropolitan Area¹, Ontario, 1970-1981

	Hamilton	Kit-chener	London	Oshawa²	Ottawa, city of	St. Cath-arines-Niagara	Sudbury	Thunder Bay	Toronto	Windsor
Single-Detached										
1970	997	849	774	363	1,288	994	995	285	3,566	719
1971	2,155	1,323	1,339	578	1,613	1,465	1,268	275	6,972	853
1972	2,820	1,772	1,950	1,015	1,657	1,831	591	403	9,101	1,089
1973	2,862	1,593	1,770	812	1,491	2,098	515	598	8,039	1,017
1974	2,155	1,347	1,249	356	784	1,807	374	623	6,110	1,210
1975	1,890	1,764	1,574	568	996	1,777	687	491	7,338	867
1976	1,471	1,891	1,235	801	1,098	1,978	718	590	6,216	1,071
1977	1,624	1,345	1,389	842	1,153	1,295	678	670	5,472	896
1978	1,219	1,127	1,453	955	1,165	965	336	584	6,257	1,035
1979	1,400	1,181	1,304	632	1,476	724	439	424	7,420	1,227
1980	1,178	696	597	350	606	435	268	143	7,547	237
1981	1,249	887	521	797	1,434	402	171	173	12,543	144
Semi-Detached and Duplex										
1970	175	216	172	422	276	149	132	157	2,250	108
1971	260	488	257	381	364	190	226	129	3,670	132
1972	434	362	147	122	146	268	85	149	5,484	212
1973	460	454	84	346	319	403	32	65	3,857	178
1974	286	384	146	222	522	408	28	68	2,552	158
1975	447	343	375	503	601	742	90	20	3,598	28
1976	367	282	234	792	654	518	184	66	3,205	54
1977	810	369	274	458	1,144	502	290	152	4,086	26
1978	846	494	578	651	1,242	276	48	167	2,900	8
1979	405	152	210	86	751	116	68	76	4,867	–
1980	261	70	34	184	251	86	36	16	3,194	14
1981	255	92	24	338	411	28	6	8	3,398	2
Row										
1970	727	550	546	66	1,079	256	217	24	2,689	373
1971	750	620	641	-	1,180	45	242	35	2,577	500
1972	959	434	591	53	1,339	225	147	87	3,537	340
1973	868	569	473	296	1,883	480	91	21	5,927	99
1974	822	795	724	429	1,016	374	-	48	4,071	24
1975	1,695	624	710	761	1,297	422	-	73	4,744	62
1976	1,613	917	1,128	872	2,692	543	-	283	7,462	35
1977	809	612	684	684	2,506	116	152	245	6,081	37
1978	46	252	436	354	2,726	66	-	40	4,401	25
1979	80	119	191	190	995	–	–	54	3,070	426
1980	171	50	108	20	895	64	-	-	2,279	-
1981	269	81	395	24	1,123	81	–	–	2,455	–
Apartment and Other										
1970	2,646	1,460	1,246	451	5,561	411	617	256	23,918	756
1971	2,243	1,474	2,955	612	5,446	1,114	2,025	76	21,990	729
1972	4,108	2,781	2,756	842	7,666	1,895	862	500	20,573	1,342
1973	4,498	2,438	1,545	387	8,258	956	295	671	19,874	739
1974	2,705	1,559	1,192	582	5,005	644	47	135	16,847	1,210
1975	2,688	649	1,124	544	1,228	254	145	335	10,777	686
1976	2,039	836	721	1,035	673	1,128	156	552	9,672	842
1977	713	1,140	1,646	688	2,162	428	145	553	12,279	860
1978	420	201	2,352	223	1,880	1,076	128	342	12,493	1,443
1979	–	677	1,123	211	1,120	325	152	123	6,022	1,061
1980	86	209	691	215	466	86	24	154	7,184	1,004
1981	134	1,051	830	172	743	194	123	253	7,737	472

1) Data for 1970-1971 on 1966 Census Area definitions. Data for 1972-76 on 1971 Census definition. Subsequent data on 1976 Census definition.

2) Oshawa became a CMA in 1976

Source: Canada Mortgage and Housing Corporation, *Canadian Housing Statistics*.

Table 21.16

Dwelling Starts Financed by NHA and Other, by Census Metropolitan Area[1], Ontario, 1979-1981

	1979					1980					1981				
	Single-Detached	Semi-Detached and Duplex	Apartments Row	Apartments and Other	Total	Single-Detached	Semi-Detached and Duplex	Apartments Row	Apartments and Other	Total	Single-Detached	Semi-Detached and Duplex	Apartments Row	Apartments and Other	Total
								Units							
Financed by NHA															
Hamilton	98	98	–	–	196	97	139	26	40	302	79	70	250	122	521
Kitchener	133	94	91	421	739	41	–	22	90	162	19	21	–	541	581
London	91	36	70	861	1,058	44	6	–	142	192	10	–	41	493	544
Ottawa-Hull C.M.A.	399	488	800	1,120	2,807	43	124	265	443	875	326	210	484	274	1,294
St. Catharines-Niagara	134	40	–	272	446	19	74	–	64	157	29	10	55	147	241
Sudbury	16	46	–	152	214	58	–	–	24	82	14	–	–	123	137
Thunder Bay	24	10	54	86	174	2	–	–	22	24	16	–	–	247	263
Toronto	669	724	1,031	4,869	7,293	422	470	1,073	5,208	7,173	67	184	706	3,047	4,004
Windsor	230	–	344	543	1,117	5	–	–	426	431	2	2	–	471	475
Oshawa	118	29	–	167	314	23	94	20	186	323	75	172	–	171	418
Other than Those Financed by NHA															
Hamilton	1,302	307	80	–	1,689	1,081	122	145	48	1,396	1,170	185	19	12	1,386
Kitchener	1,048	58	28	256	1,390	655	70	28	110	863	868	71	81	510	1,530
London	1,213	174	121	262	1,770	553	28	108	549	1,238	511	24	354	337	1,226
Ottawa-Hull C.M.A.	1,077	263	195	–	1,535	563	127	630	23	1,343	1,108	201	639	469	2,417
St. Catharines-Niagara	590	76	–	53	719	416	12	64	22	514	373	18	26	47	464
Sudbury	423	22	–	–	445	210	36	–	–	246	157	6	–	–	163
Thunder Bay	400	66	–	37	503	141	16	–	132	289	157	8	–	6	171
Toronto	6,751	4,143	2,039	1,153	14,086	7,125	2,724	1,206	1,976	13,031	12,476	3,214	1,749	4,690	22,129
Windsor	997	–	82	518	1,597	232	14	–	578	824	142	–	–	1	143
Oshawa	514	57	190	44	805	327	90	–	29	446	722	166	24	1	913

[1] Data on 1976 Census definition.

Source: Canada Mortgage and Housing Corporation, Ontario Regional Office.

Table 21.17

Dwelling Starts by Type of Financing, Canada and Provinces, 1980-1981

	NHA Financed							
	CMHC			Approved Lenders[4]				
	Social Housing				Market Housing			
	Non Profit Housing[1]	Federal-Provincial[2]	Market Housing[3]	Social Housing	Graduated Payment Mortgage[5]	Equal Payment Mortgage	Non NHA Financed	Total
1980								
Canada	1,505	2,018	197	7,684	10,081	11,156	125,960	158,601
Ontario	395	125	24	3,402	3,720	4,246	28,215	40,127
Newfoundland	–	315	11	73	342	115	2,992	3,848
Prince Edward Island	–	14	–	–	15	23	423	475
Nova Scotia	–	479	–	31	292	205	2,888	3,895
New Brunswick	–	74	–	81	17	203	2,271	2,646
Quebec	969	–	11	2,802	2,123	3,036	20,245	29,186
Manitoba	141	–	3	475	36	208	1,734	2,597
Saskatchewan	–	971	–	–	634	399	4,246	6,250
Alberta	–	5	100	321	1,140	1,155	29,310	32,031
British Columbia	–	35	48	499	1,762	1,566	33,636	37,546
1981								
Canada	–	1,984	164	8,702	4,574	13,113	149,436	177,973
Ontario	–	174	8	4,747	1,456	4,920	38,856	50,161
Newfoundland	–	392	–	242	–	78	2,498	3,210
Prince Edward Island	–	–	–	5	–	1	197	203
Nova Scotia	–	396	–	68	–	35	3,216	3,715
New Brunswick	–	143	–	136	–	56	1,853	2,188
Quebec	–	–	3	1,613	766	4,795	22,468	29,645
Manitoba	–	–	13	147	–	407	2,257	2,824
Saskatchewan	–	874	–	113	86	352	4,547	5,972
Alberta	–	–	58	203	1,895	1,126	35,188	38,470
British Columbia	–	5	82	1,428	371	1,343	38,356	41,585

1) Refer Section 15, National Housing Act
2) Refer Section 40, National Housing Act
3) Refer Sections 58 and 59, National Housing Act
4) Refer Section 6, National Housing Act
5) Includes (IPO) Interest Pre-payment option

Source: Canada Mortgage and Housing Corporation, *Housing Market Report*

Table 21.18

Vacancy Rates in Apartments[1], Privately and Publicly Initiated, for Selected Metropolitan Areas, 1980 and 1981

	1980						1981					
	Publicly Initiated		Privately Initiated		Total		Publicly Initiated		Privately Initiated		Total	
Metropolitan Area	Apr.	Oct.	Apr.	Oct.	Apr.	Oct.	Apr.	Oct.	Apr.	Oct.	Apr.	Oct.
	Per Cent											
Calgary	2.8	1.7	1.0	0.4	1.2	0.5	1.2	0.6	0.7	0.2	0.7	0.3
Chicoutimi-Jonquière	0.9	0.5	2.2	1.4	1.9	1.2	0.4	0.0	0.5	1.3	0.5	1.0
Edmonton	2.6	0.3	2.8	1.1	2.7	1.0	0.8	0.7	2.5	1.1	2.4	1.1
Halifax	2.3	1.0	2.6	1.2	2.5	1.2	1.3	0.4	0.9	0.5	1.0	0.5
Hamilton	3.4	2.8	1.6	1.3	1.9	1.5	2.5	3.4	1.1	0.7	1.3	1.1
Kitchener	1.3	1.1	2.2	1.1	2.1	1.1	1.2	1.0	1.6	0.7	1.6	0.7
London	0.2	0.4	5.9	4.1	5.3	3.7	0.6	0.1	3.8	1.9	3.4	1.7
Montreal	7.5	5.3	3.5	3.4	3.7	3.5	1.5	1.5	2.1	1.9	2.0	1.9
Oshawa	0.4	0.4	3.0	2.4	2.6	2.2	0.0	0.0	1.2	0.0	1.0	0.0
Ottawa-Hull	4.0	3.6	4.6	3.9	4.4	3.8	2.6	2.5	2.4	0.9	2.4	1.1
Ottawa	0.9	0.8	4.2	3.5	3.7	3.1	0.6	0.3	2.2	0.6	2.0	0.6
Hull	9.6	8.7	6.8	5.8	7.7	6.8	7.4	7.6	3.3	2.3	4.5	3.8
Quebec	1.0	0.4	2.8	2.8	2.6	2.6	0.3	0.1	2.0	1.8	1.8	1.6
Regina	1.5	0.0	2.0	0.7	2.0	0.7	0.1	0.0	1.9	0.5	1.8	0.5
St. Catharines-Niagara	4.4	1.9	2.6	1.8	2.8	1.8	0.3	0.1	1.9	0.8	1.7	0.7
Saint John	4.3	4.9	3.1	3.6	3.4	4.0	4.6	2.7	3.4	3.1	3.8	3.0
St. John's	3.5	0.2	2.2	0.1	2.5	0.1	0.1	0.2	0.9	1.4	0.7	1.2
Saskatoon	0.3	0.6	2.2	0.5	1.9	0.5	0.2	0.2	1.8	0.8	1.6	0.8
Sudbury	2.7	1.9	3.4	1.9	3.2	1.9	0.0	0.1	2.0	0.6	1.6	0.5
Thunder Bay	0.0	0.1	1.5	1.0	1.0	0.8	0.0	0.1	2.0	1.1	1.3	0.8
Toronto	1.3	0.9	1.0	0.5	1.1	0.6	1.0	0.4	0.4	0.3	0.5	0.3
Vancouver	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Victoria	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Windsor	1.1	2.7	3.7	6.1	3.1	5.5	8.0	6.4	8.3	7.0	8.2	6.9
Winnipeg	2.0	2.5	4.8	5.1	4.3	4.6	3.1	1.3	4.3	3.5	4.1	3.1
Total[2]	2.7	2.0	2.5	2.2	2.5	2.1	1.4	1.0	1.6	1.2	1.6	1.2

1) Includes apartment structures, six units and over
2) Weighted average of metropolitan areas surveyed

Source: Canada Mortgage and Housing Corporation

Section
22

Transportation

Highlights

- **Motor Vehicle Registration** – The total number of vehicles registered in Canada rose from 13.3 million in 1979 to 13.7 million in 1980, an increase of 2.8 per cent. Comparable data for Ontario showed a 8.3 per cent increase between 1979 and 1980, rising from 4.6 million vehicles to 5.0 million.

  In 1980, of the total number of motor vehicles registered in Ontario, 74.7 per cent were passenger cars, 22.9 per cent were trucks and tractors, 0.5 per cent were buses, and 1.9 per cent were motorcycles.

- **Highway and Road Kilometres** – Total Ontario road kilometres rose by 1.8 per cent between 1975 and 1980 to reach 160,141.8 kilometres. Of this total in 1980, King's highway accounted for 9.9 per cent, county roads for 7.8 per cent, organized township roads for 46.9 per cent, and cities, town and village streets for 21.2 per cent.

- **Shipping** – In 1981, the number of transits, excluding pleasure craft, in the Montreal-Lake Ontario Section of the St. Lawrence Seaway decreased 6.7 per cent from the 4,958 recorded in 1980. The number of transits in the Welland Section was down in 1981, dropping to 5,960 from 6,567 in 1980, a decrease of 9.2 per cent.

- **Railway Revenue Freight** – Total carload and non-carload freight loaded onto railway cars in Ontario in 1979 showed 49.9 million tons, a 3.8 per cent decrease over the corresponding figure for 1978. Of the 1979 total, inedible crude materials accounted for 44.3 per cent, followed by inedible fabricated materials with 30.0 per cent.

- **Air Traffic** – In 1980 in Ontario, Toronto International Airport was by far the busiest airport handling 42,051 domestic arriving flights and 42,212 domestic departing flights. It was followed by Ottawa International Airport with 17,383 and 17,367 flights, respectively.

  Toronto International Airport handled an arriving cargo of 41.2 million kilograms and a departing cargo of 61.7 million kilograms on domestic services in 1980. Toronto International Airport handled over 8.0 million enplaned and deplaned passengers in 1980 compared with 1.9 million enplaned and deplaned passengers for Ottawa International Airport.

Definitions

Delivered to U.S. Rail

(a) traffic delivered to United States rail connections or transported across the border;

(b) deliveries to United States rail connections of freight originated in the U.S. and moved overland through Canada.

Loaded

(a) revenue freight originating directly on the road, including that received from private, non-reporting industrial sidings;

(b) freight received from switching roads, where such freight has not previously been given line haul transportation;

(c) freight received from other modes of transport;

(d) freight reshipped following milling or fabrication at some point in transit;

(e) idler or trailer cars.

Received from U.S. Rail Destined to Canadian Points – Traffic received from United States rail connections, or transported across the border destined to Canadian points.

Unloaded

(a) freight terminating directly on the road, including that delivered to private, non-reporting industrial sidings and grain unloaded at interior, lake and coastal elevators for export;

(b) freight delivered to switching roads, where there is no further line haul;

(c) freight delivered to other modes of transport;

(d) freight unloaded for milling or fabrication at some point in transit.

Transit – A partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway Canal.

Cargo Tonnes – The number of metric tonnes of cargo carried by a vessel on each or any transit.

Tug and Barge Combinations – The assessment of tolls requires tugs and barges in common transit to be considered as one unit. The number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

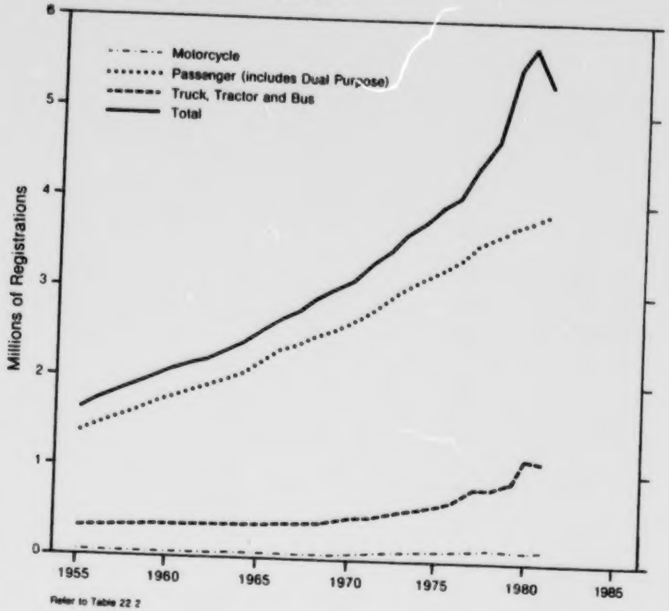
Itinerant Aircraft Movement – Situation where aircraft enters or leaves the airport tower control zone.

Local Aircraft Movement – Situation where an aircraft takes off, stays within tower control zone and lands at the same airport. If the aircraft leaves the tower control zone it is no longer local.

Unit Toll – Public transportation of persons, mail and/or goods by aircraft on a per unit basis.

Graph 22.A

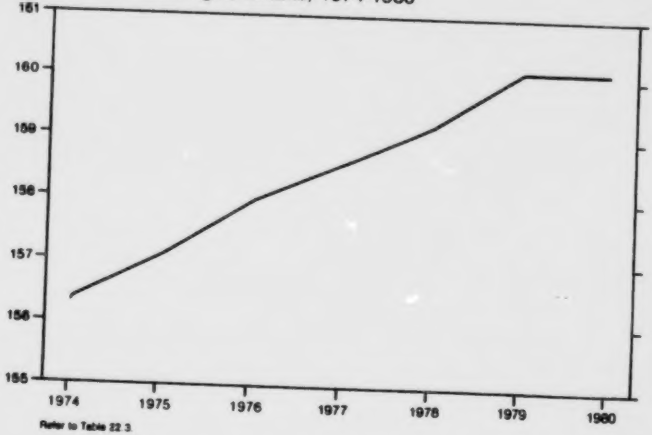
Motor Vehicle Registrations, Ontario, 1955-1981



Refer to Table 22.2

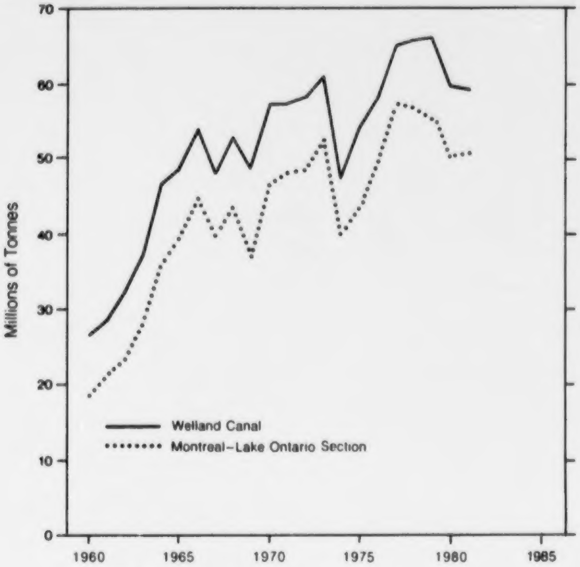
Graph 22.B

Total Highway and Road Length, Ontario, 1974-1980



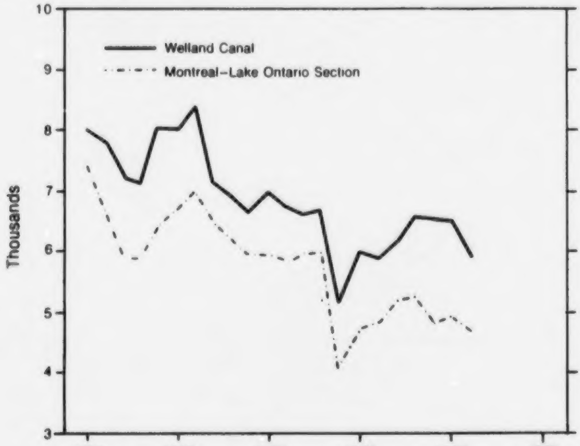
Refer to Table 22.3

Graph 22.C
St. Lawrence Seaway Tonnage, 1960-1981



Refer to Table 22 6

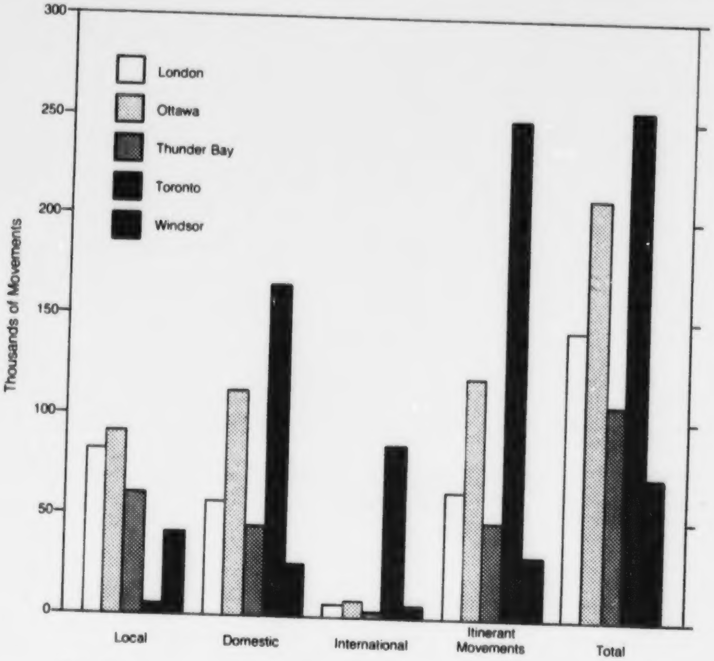
Graph 22.D
St. Lawrence Seaway Transits, 1960-1981



Refer to Table 22 6

Graph 22.E

Distribution of Total Aircraft Movements at Air Traffic Controlled Airports by Selected City, Ontario, 1980



Refer to Table 22.5

Table 22.1

Motor Vehicle Registrations[1], Canada, 1965-1980

	Passenger automobiles	Trucks and buses[2]	Motorcycles	Other[3]	Total
			'000's		
1965	5,279.4	1,231.7	74.0	113.7	6,698.8
1966	5,480.7	1,279.9	107.9	166.7	7,035.3
1967	5,865.7	1,312.7	125.7	177.9	7,482.0
1968	6,159.6	1,389.1	140.3	198.1	7,887.1
1969	6,433.3	1,461.6	138.4	220.9	8,254.2
1970	6,602.2	1,481.2	157.4	256.6	8,497.3
1971	6,967.2	1,556.6	198.9	299.5	9,022.1
1972	7,407.3	1,682.0	248.5	143.7	9,481.4
1973	7,866.1	1,843.9	287.8	160.6	10,158.4
1974	8,328.4	2,026.2	320.0	180.0	10,854.6
1975	8,692.8	2,177.4	326.6	81.7	11,278.5
1976	9,016.3	2,316.8	341.3	57.5	11,786.3
1977	9,509.2^{r}	2,547.0^{r}	372.0	119.0^{r}	12,547.2
1978	9,745.0	2,770.8	341.4^{r}	118.3	12,975.4
1979	9,985.1	2,907.1	332.9	113.5	13,338.7
1980	10,255.5	2,955.3	388.7	117.7	13,717.2

1) The statistics on road vehicle registrations shown in this table have been obtained from the twelve provincial and territorial governments across the nation, each of whom has its own distinct registrations system. Consequently, the content and comparability of these statistics varies considerably between the provinces and territories and over time. These differences are described in some detail in the Statistics Canada publication *Road Motor Vehicles – Registrations*, Catalogue number 53-219. Enquiries concerning these statistics should be directed to the Transportation and Communications Division, Statistics Canada, Ottawa, Ontario K1A 0T6 (Tel. 613–996-9271).

2) Figures not complete as certain classes of trucks and/or buses have been included under passenger automobiles by some provinces. Also, a small number of automobiles used as delivery vehicles have been licenced as trucks in one province for the years 1961 to 1967.

3) Includes farm tractors (where registered), ambulances, mopeds (beginning in 1975), etc.

4) Includes Nova Scotia, Prince Edward Island and Québec only.

Source: SC, *Road Motor Vehicles – Registrations*, (53-219).

Table 22.2

Motor Vehicle Registrations, Permits Issued and Transfers, Ontario, 1979-1981

	1979	1980^{r}	Percentage increase or (decrease)	1981^{p}	Percentage increase or (decrease)
Registrations					
Passenger	3,691,971	3,751,862	1.6	3,831,058	2.1
Truck and Tractor[1]	834,356	1,149,903	37.8	1,089,855	−5.2
Bus[2]	21,603	23,430	8.5	22,486	−4.0
Motorcycle	90,957	96,942	6.6	107,227	10.6
Trailer	587,949	560,066	−4.7	105,428	−81.2
Snow Vehicle	195,184	165,882	−15.0	170,976	3.1
Moped	8,052	7,480	−7.1	7,175	−4.1
Permits Issued					
Dealers	7,173	7,401	3.2	7,525	1.7
Garages	5,862	5,830	−0.6	6,011	3.1
Transfers					
Dealers	547,567	524,335	−4.2	530,101	1.1
Paid	872,468	870,726	−0.2	857,324	−1.5
Unit Vehicle Transfers					
Dealers	133,440	135,126	1.3	141,341	4.6
Paid	146,236	143,763	−1.7	147,039	2.3

1) Includes Farm Vehicles.

2) Includes School Bus.

Source: Ministry of Transportation and Communications, Vehicles Licensing Office.

Table 22.3

Highway and Road Kilometres, Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
			Kilometres			
King's Highway	15,784.9	15,823.6	15,896.3	15,854.1	15,838.0	15,860.9
Concrete	552.7	554.5	560.8	514.3	409.6	348.6
High-Class Bituminous	14,319.8	14,214.2	14,363.6	14,519.4	14,691.1	14,775.9
Low-Class Bituminous	817.5	920.7	850.4	760.2	640.5	632.6
Gravel and Crushed Stone	94.9	134.2	121.5	60.2	96.8	103.8
Secondary Highway	4,894.4	5,101.6	5,173.3	5,184.3	5,208.1	5,344.7
High-Class Bituminous	548.7	504.5	662.7	805.5	882.4	1,065.5
Low-Class Bituminous	2,496.0	2,942.1	2,844.3	2,808.8	2,986.8	3,017.2
Gravel and Crushed Stone	1,845.2	1,650.5	1,661.8	1,570.0	1,338.9	1,262.0
Earth	4.5	4.5	4.5	–	–	–
Tertiary Roads	396.4	324.7	406.0	406.0	517.9	381.7
High-Class Bituminous	–	–	2.7	2.7	53.9	2.7
Low-Class Bituminous	107.3	24.1	33.5	33.5	12.1	33.5
Gravel and Crushed Stone	289.1	300.6	369.8	369.8	451.9	345.5
County Roads	12,379.9	12,397.2	12,464.8	12,537.9	12,592.5	12,566.6
Concrete	57.3	57.3	21.7	19.3	20.9	33.6
High-Class Bituminous	5,867.7	5,991.3	6,238.0	6,444.0	6,572.7	7,176.4
Low-Class Bituminous	3,687.5	3,736.9	3,680.1	3,603.5	3,663.6	3,160.0
Gravel and Crushed Stone	2,763.8	2,608.8	2,511.5	2,450.6	2,318.4	2,190.3
Earth	3.1	2.4	13.2	16.8	16.4	6.0
Other	0.5	0.5	0.3	3.7	0.5	0.3
Regional Roads	6,484.8	6,580.4	6,849.0	6,839.2	6,794.7	6,809.6
Concrete	19.0	16.4	14.8	10.8	12.9	15.5
High-Class Bituminous	3,611.9	3,738.9	4,034.0	4,111.4	4,294.5	4,585.4
Low-Class Bituminous	2,036.4	2,086.8	2,127.0	2,090.2	1,944.0	1,666.4
Gravel and Crushed Stone	784.2	709.7	648.9	600.4	542.5	541.4
Earth	16.1	9.3	3.4	7.1	0.8	0.9
Other	17.2	19.3	20.9	19.3	–	–

Table 22.3 (cont'd.)

Highway and Road Kilometres, Ontario, 1975-1980

	1975	1976	1977	1978	1979	1980
			Kilometres			
Metropolitan Roads	696.9	719.8	722.3	723.9	722.1	721.7
Concrete	–	4.5	4.7	5.0	5.0	5.0
High-Class Bituminous	686.1	709.0	711.3	712.6	712.9	712.6
Low-Class Bituminous	5.1	–	–	–	–	–
Gravel and Crushed Stone	3.9	2.9	2.9	2.9	2.9	–
Other	1.8	3.4	3.4	3.4	1.3	4.1
Organized Township Roads	78,017.0	75,013.6	75,189.9	74,673.5	74,949.7	75,010.3
Concrete	9.8	9.3	9.3	10.1	12.4	32.9
High-Class Bituminous	4,979.0	2,703.5	2,740.3	2,654.9	3,066.4	3,477.6
Low-Class Bituminous	6,733.2	6,626.6	7,006.1	7,323.3	7,759.9	7,897.1
Gravel and Crushed Stone	56,103.4	55,603.1	55,287.0	54,680.5	54,243.2	53,353.1
Earth	3,350.9	3,252.2	3,228.6	3,228.3	3,204.7	3,289.0
Other	6,840.7	6,818.9	6,918.6	6,776.4	6,663.1	6,960.6
Unorganized Township Roads	9,779.0	9,913.4	9,848.7	10,103.4	9,969.4	9,473.2
High-Class Bituminous	80.6	82.4	76.1	93.8	103.0	105.0
Low-Class Bituminous	106.5	141.9	182.7	202.1	202.9	220.7
Gravel and Crushed Stone	8,598.2	8,736.5	8,639.8	8,844.6	8,695.1	8,156.2
Earth	643.4	631.2	633.1	628.8	631.1	632.3
Other	350.3	321.4	317.0	334.1	337.3	359.0
City, Town and Village Streets	28,894.7	32,315.9	32,291.4	33,093.5	33,532.0	33,973.1
Concrete	382.6	455.1	314.3	295.5	306.9	315.5
High-Class Bituminous	12,078.1	15,197.0	15,360.9	16,577.1	17,333.7	18,098.1
Low-Class Bituminous	6,569.5	7,315.2	7,574.8	7,259.4	7,088.3	6,930.0
Gravel and Crushed Stone	7,428.0	6,856.7	6,556.1	6,436.7	6,262.4	6,077.0
Earth	422.4	459.5	377.6	370.6	367.4	378.0
Other	2,014.1	2,032.4	2,107.7	2,154.6	2,173.3	2,174.5
Total Road Kilometres	157,328.0	158,190.2	158,841.7	159,415.8	160,124.4	160,141.8

[1] These figures are the result of updated surface-type inventory.

Source: Ministry of Transportation and Communications.

Table 22.4

International and Mainline Domestic Flights, by Selected City, Ontario, 1980

	Arriving						
		Arriving load			Deplaned load		
	No. of flights	No. of passengers	Mail ('000's kg.)	Cargo ('000's kg.)	No. of passengers	Mail ('000's kg.)	Cargo ('000's kg.)
Hamilton	. .	132,258	106	413	68,712	69	172
Scheduled Services	2,359	132,249	106	413	68,703	69	172
Domestic	1,800	111,730	105	336	60,552	69	120
International							
U.S.	559	20,519	1	77	8,151	–	52
Other	–	–	–	–	–	–	–
International Charter	. .	9	–	–	9	–	–
Ottawa International	. .	1,331,264	2,860	4,754	977,749	1,772	2,961
Scheduled Services	17,751	1,314,393	2,860	4,747	960,878	1,772	2,954
Domestic	17,383	1,282,073	2,844	4,611	929,540	1,756	2,823
International							
U.S.	364	31,509	16	131	31,337	16	131
Other	4	811	–	5	1	–	–
International Charter	. .	16,871	–	7	16,871	–	7
Thunder Bay	. .	324,054	862	3,309	220,561	689	1,408
Scheduled Services	5,241	322,741	862	3,309	219,248	689	1,408
Domestic	4,684	313,694	852	3,232	210,201	679	1,331
International							
U.S.	557	9,047	10	77	9,047	10	77
Other	–	–	–	–	–	–	–
International Charter	. .	1,313	–	–	1,313	–	–
Toronto International	. .	7,620,694	16,728	91,177	7,378,669	15,892	85,493
Scheduled Services	70,352	7,015,090	16,728	89,832	6,773,065	15,892	84,148
Domestic	42,051	4,212,614	10,968	41,188	4,046,256	10,243	38,789
International							
U.S.	24,528	2,163,023	4,685	36,372	2,096,831	4,575	33,140
Other	3,773	639,453	1,075	12,272	629,978	1,074	12,219
International Charter	. .	605,604	–	1,345	605,604	–	1,345
Windsor International	. .	191,238	723	368	167,832	529	249
Scheduled Services	2,700	170,992	723	368	147,586	529	249
Domestic	2,698	170,712	723	367	147,410	529	249
International							
U.S.	1	95	–	1	–	–	–
Other	1	185	–	–	176	–	–
International Charter	. .	20,246	–	–	20,246	–	–

Table 22.4 (cont'd.)

International and Mainline Domestic Flights, by Selected City, Ontario, 1980

	Departing						
		Enplaned load			Departing load		
	No. of flights	No. of passengers	Mail ('000's kg.)	Cargo ('000's kg.)	No. of passengers	Mail ('000's kg.)	Cargo ('000's kg.)
Hamilton	..	66,415	48	101	129,988	88	345
Scheduled Services	2,353	66,407	48	100	129,980	88	344
Domestic	1,792	58,235	48	99	106,970	82	329
International							
U.S.	561	8,172	–	1	23,010	6	15
Other	–	–	–	–	–	–	–
International Charter	..	8	–	1	8	–	1
Ottawa International	..	972,291	3,699	2,554	1,325,818	4,785	4,347
Scheduled Services	17,733	954,783	3,699	2,537	1,308,310	4,785	4,330
Domestic	17,367	925,261	3,676	2,501	1,278,788	4,762	4,294
International							
U.S.	366	29,522	23	36	29,522	23	36
Other	–	–	–	–	–	–	–
International Charter	..	17,508	–	17	17,508	–	17
Thunder Bay	..	230,930	305	380	341,982	477	2,420
Scheduled Services	5,439	229,579	305	372	340,631	477	2,412
Domestic	4,881	220,370	289	361	331,422	461	2,401
International							
U.S.	558	9,209	16	11	9,209	16	11
Other	–	–	–	–	–	–	–
International Charter	..	1,351	–	8	1,351	–	8
Toronto International	..	7,331,744	22,027	93,087	7,573,485	22,864	98,768
Scheduled Services	70,170	6,720,154	22,027	88,800	6,961,895	22,864	94,481
Domestic	42,212	4,022,267	16,785	61,690	4,202,073	17,499	65,775
International							
U.S.	24,245	2,089,371	2,626	9,472	2,141,839	2,710	10,961
Other	3,713	608,516	2,616	17,638	617,983	2,655	17,745
International Charter	..	611,590	–	4,287	611,590	–	4,287
Windsor International	..	164,929	419	795	188,357	613	913
Scheduled Services	2,702	144,047	419	795	167,475	613	913
Domestic	2,697	144,047	419	795	167,101	612	913
International							
U.S.	5	–	–	–	374	1	–
Other	–	–	–	–	20,882	–	–
International Charter	.	20,882	–	–	20,882	–	–

Source: SC, *Aviation Statistics Centre, Airport Activity Survey*.

Table 22.5

Distribution of Total Aircraft Movements at Air-Traffic Controlled Airports, by Selected City, Ontario, 1980

	Airport				
1980	London	Ottawa International	Thunder Bay	Toronto International	Windsor
Total	143,315	209,470	107,182	254,910	71,761
Itinerant	61,794	118,490	47,340	249,874	31,140
Local	81,521	90,980	59,842	5,036	40,621
Distribution of Itinerant Movements by type of Operation					
Unit Toll	12,714	41,041	12,938	147,224	5,484
Charter	303	1,956	714	14,076	774
Other Commercial	29,370	40,714	23,324	36,728	14,496
Private	18,381	17,359	6,940	48,427	9,955
Government					
Civil	487	7,822	1,171	2,968	307
Military	548	9,598	2,253	451	124
Distribution of Itinerant Movements by Geographic Area					
Domestic					
Unit Toll	12,012	40,309	11,973	92,916	5,484
Charter	277	1,632	551	6,216	262
Other Commercial	28,308	38,703	23,013	31,218	13,974
Private	14,451	14,423	5,811	30,001	6,734
Government					
Civil	463	7,665	1,166	2,928	298
Military	477	8,581	2,178	305	94
Domestic Total	55,988	111,313	44,692	163,584	26,846
International[1]					
Unit Toll	702	732	965	54,308	–
Charter	26	324	163	7,860	512
Other Commercial	1,062	2,011	311	5,510	522
Private	3,930	2,936	1,129	18,426	3,221
Government					
Civil	15	157	5	40	9
Military	71	1,017	75	146	30
International Total	5,806	7,177	2,648	86,290	4,294
Distribution of Itinerant Movements by type of Power Plant					
Jet	5,268	47,712	12,718	169,400	6,932
Turboprop	11,581	10,862	6,079	21,460	877
Piston	44,044	55,456	25,322	57,020	22,714
Helicopter	763	4,423	3,217	1,957	603
Glider	138	37	4	37	14

1) Includes United States and other International.

Source: SC, *Aviation Statistics Centre*.

Table 22.6

Tonnage and Transits[1], St. Lawrence Seaway, 1959-1981

	Montreal-Lake Ontario Section		Welland Canal	
	Number of transits	Tonnage (tonnes)	Number of transits	Tonnage (tonnes)
1959	7,590	18,463,072	8,252	24,636,187
1960	7,387	18,425,546	8,007	26,535,318
1961	6,639	21,244,556	7,778	28,535,797
1962	5,963	23,218,514	7,248	32,120,600
1963	5,872	28,071,390	7,182	37,470,516
1964	6,440	35,661,151	8,051	46,619,656
1965	6,751	39,356,934	8,046	48,462,786
1966	7,031	44,679,018	8,428	53,771,255
1967	6,569	39,942,780	7,192	47,908,700
1968	6,296	43,503,732	6,998	52,685,381
1969	5,971	37,207,937	6,653	48,564,534
1970	5,973	46,397,082	7,001	57,034,673
1971	5,851	48,034,717	6,761	57,071,311
1972	5,884	48,607,722	6,621	58,147,328
1973	6,013	52,285,689	6,706	60,959,018
1974	4,113	40,049,654	5,090	47,500,958
1975	4,704	43,555,037	6,041	54,295,037
1976	4,859	49,349,271	5,892	58,389,427
1977	5,185	57,457,309	6,162	65,078,545
1978	5,262	56,942,680	6,605	65,670,992
1979	4,846	55,322,093	6,532	66,164,546
1980	4,958	49,454,109	6,567	59,605,981
1981	4,628	50,569,257	5,960	58,850,875

1) Tug and Barge combinations counted as one transit unit. Pleasure craft excluded. *Non-toll traffic excluded.*

Source: The St. Lawrence Seaway Authority, *Traffic Report of the St. Lawrence Seaway.*

Table 22.7

St. Lawrence Seaway, Traffic Summary by Type of Cargo, 1969-1981

	Agricultural Products		Mine Products		Processed Products			
	Grains	Other	Coal and Coke	Other	Fuel Oil & Petroleum Products	Other	Misc. Cargo	Total Cargo
				'000's Tonnes				
Montreal - Lake Ontario Section								
1969	10,926	476	913	12,102	2,445	9,289	1,056	37,208
1970	17,539	423	747	15,209	2,816	8,695	968	46,397
1971	19,635	858	773	13,877	2,321	9,486	1,085	48,035
1972	20,645	660	784	13,181	2,979	9,573	756	48,608
1973	21,435	639	991	16,859	3,504	8,356	502	52,286
1974	14,316	357	1,366	15,962	1,945	5,755	350	40,050
1975	19,169	272	1,231	15,299	1,891	5,418	274	43,555
1976	18,471	284	1,966	20,539	1,589	6,144	355	49,349
1977	21,608	208	2,242	22,792	2,173	8,074	360	57,457
1978	27,736	149	3,427	15,657	2,370	7,262	342	56,943
1979	24,722	197	2,820	17,584	2,744	6,993	262	55,322
1980	26,752	168	1,627	13,264	2,032	5,354	256	49,454
1981	24,463	210	2,538	15,319	2,202	5,599	237	50,569
Welland Canal Section								
1969	12,127	390	10,069	15,301	1,211	8,558	909	48,565
1970	18,893	296	10,180	17,460	1,294	8,040	872	57,035
1971	20,884	712	8,836	15,451	1,142	9,043	1,004	57,071
1972	21,632	532	9,559	15,777	1,270	8,677	701	58,147
1973	22,592	563	7,976	19,524	2,020	7,724	561	60,959
1974	15,708	238	6,327	18,071	1,163	5,539	455	47,501
1975	20,577	205	8,504	18,400	1,111	5,025	473	54,295
1976	19,458	203	8,491	23,170	777	5,766	506	58,369
1977	22,809	153	8,836	23,725	1,070	8,000	486	65,079
1978	28,916	97	7,934[1]	19,614	1,298	7,336	476	65,671
1979	26,131	149	10,294	19,602	2,082	7,461	446	66,165
1980	28,149	108	8,728	15,290	2,023	4,852	456	59,606
1981	25,566	180	7,547	17,811	2,152	5,179	415	58,851

1) The 1978 figure includes Anthracite and Bituminous Coal.

Source: The St. Lawrence Seaway Authority, *Statistics*.

Table 22.8

St. Lawrence Seaway – Gross Registered Tonnage of Traffic, Vessel Transits and Revenue, 1969-1981

	Gross Registered Tonnage			Vessel Transits					
	Cargo Vessels	Non-Cargo Vessels	Total	Loaded Cargo Vessels[1]	Ballast Cargo Vessels	Non-Cargo Vessels	Non-Toll Vessels[1]	Total	Revenue
	'000's			Number					$'000's
Montreal – Lake Ontario Section									
1969	42,804	203	43,007	4,492	1,274	626	285	6,677	21,456
1970	44,990	121	45,112	4,787	1,114	376	423	6,700	25,436
1971	49,491	80	49,571	4,676	1,176	207	302	6,361	27,407
1972	50,047	71	50,118	4,576	1,205	155	448	6,384	27,301
1973	51,491	247	51,738	4,533	1,291	301	352	6,477	27,894
1974	37,863	170	38,033	3,246	763	251	381	4,641	21,320
1975	44,015	89	44,104	3,508	999	197	544	5,248	22,592
1976	48,157	110	48,267	3,791	871	197	496	5,355	25,813
1977	54,008	97	54,105	4,185	809	191	331	5,516	30,769
1978	58,529	224	58,753	3,994	1,086	182	84	5,346	33,211
1979	54,635	164	54,799	3,701	966	179	64	4,910	35,866
1980	56,236	197	56,433	3,237	1,535	186	68	5,026	32,398
1981	52,722	187	52,909	3,197	1,179	198	54	4,628	34,412
Welland Canal Section									
1969	57,438	201	57,639	4,937	1,640	286	74	6,937	2,494
1970	62,554	210	62,764	5,136	1,688	287	72	7,183	3,533
1971	64,168	140	64,308	5,011	1,588	255	71	6,925	4,332
1972	66,142	101	66,244	4,882	1,691	195	48	6,816	4,243
1973	66,004	265	66,270	4,818	1,709	288	65	6,880	4,232
1974	50,935	158	51,093	3,617	1,300	254	90	5,261	3,177
1975	61,312	233	61,545	4,059	1,653	329	80	6,121	3,720
1976	61,875	109	61,984	4,249	1,369	274	59	5,951	3,789
1977	65,587	138	65,726	4,640	1,290	232	61	6,223	4,031
1978	73,875	165	74,039	4,587	1,799	219	21	6,626	18,291
1979	74,664	177	74,842	4,395	1,918	219	15	6,547	21,242
1980	75,114	152	75,266	3,897	2,424	246	29	6,596	23,610
1981	68,415	141	68,556	3,784	1,907	251	18	5,960	23,093

1) 1977 and previous years include transits of seaway owned vessels.

Source: The St. Lawrence Seaway Authority *Statistics*.

Table 22.9

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1975-1979

	Total freight traffic (initial haul)	Grand total	Unloaded from railway cars in Ontario	Delivered to U.S. rail
	Tons	Per cent	Tons	
Live animals				
1975	3,673	.005	170,897	50
1976	3,939	.006	119,730	110
1977	2,175	.003	82,282	200
1978	2,703	.004	98,084	73
1979	1,549	.002	93,838	–
Food, feed, beverages, and tobacco				
1975	7,003,717	10.644	16,267,848	1,168,899
1976	7,279,645	10.534	15,510,259	1,213,941
1977	7,190,098	10.365	15,790,563	1,066,220
1978	6,574,169	10.018	16,524,132	1,037,410
1979	6,753,831	10.555	15,421,464	1,090,698
Crude materials, inedible				
1975	30,346,072	46.120	28,411,075	2,285,616
1976	31,604,800	45.734	29,900,066	2,459,787
1977	31,543,444	45.470	29,348,941	2,012,243
1978	28,032,957	42.717	26,828,376	1,944,441
1979	25,291,224	39.529	25,961,004	1,953,097
Fabricated materials, inedible				
1975	16,266,007	24.721	12,175,691	10,573,339
1976	16,726,331	24.204	13,155,096	13,069,729
1977	17,885,925	25.783	13,015,508	14,206,045
1978	18,306,395	27.896	13,310,159	14,743,438
1979	19,492,593	30.466	13,435,707	15,366,968
End products, inedible				
1975	8,173,536	12.422	2,881,049	2,899,734
1976	8,637,409	12.499	3,120,240	3,056,781
1977	8,013,714	11.552	2,823,143	2,919,308
1978	7,735,697	11.788	2,657,716	2,808,368
1979	7,330,654	11.457	2,412,770	2,274,671
Special types of traffic[1]				
1975	3,562,215	5.414	2,256,853	254,308
1976	4,499,514	6.511	3,029,080	343,062
1977	4,376,487	6.309	2,915,527	323,944
1978	4,655,623	7.094	3,158,638	393,190
1979	4,872,753	7.615	3,104,199	651,329
Grand Total, Carload Traffic				
1975	65,355,220	99.326	62,163,413	17,181,946
1976	68,751,638	99.488	64,834,471	20,143,410
1977	69,011,843	99.482	63,975,984	20,527,960
1978	65,307,544	99.517	62,577,105	20,926,920
1979	63,742,596[p]	99.627[p]	60,428,979	21,336,789[p]
Non-Carload Shipments				
1975	443,557	.674	226,934	1,772
1976	353,988	.512	167,125	2,349
1977	360,181	.518	170,744	1,759
1978	317,275	.483	143,800	1,272
1979	238,490	.372	114,815	1,188
Grand Total, Carload and Non-Carload Traffic				
1975	65,798,777	100.000	62,390,347	17,183,718
1976	69,105,626	100.000	65,001,596	20,145,759
1977	69,372,024	100.000	64,146,728	20,529,719
1978	65,624,819	100.000	62,720,905	20,928,192
1979	63,981,093[p]	100.000	60,543,798[p]	21,337,984[p]

Table 22.9 (cont'd)

Revenue Freight Receiving Initial (or Final) Canadian Rail Haul, Ontario, 1975-1979

			Received from U.S. rail	
	Loaded onto railway cars in Ontario	Loaded onto railway cars in Ontario	Destined to Canadian Points	Destined to U.S. points
	Number of cars		Tons	
Live animals				
1975	175	3,321	302	50
1976	132	3,364	475	100
1977	84	1,822	153	200
1978	82	2,341	362	-
1979	65	1,507	43	–
Food, feed beverages, and tobacco				
1975	89,497	4,395,141	1,365,156	1,243,420
1976	81,905	4,041,107	1,791,041	1,447,497
1977	81,019	3,993,906	1,833,060	1,363,132
1978	76,417	3,800,574	1,496,211	1,277,384
1979	78,617	4,022,531	1,413,300	1,318,000
Crude materials, inedible				
1975	371,417	27,303,551	2,648,304	394,217
1976	377,568	28,536,205	2,627,844	440,751
1977	377,164	28,376,302	2,700,950	466,192
1978	338,871	24,960,324	2,771,281	301,352
1979	300,885	22,080,359	2,886,636	324,229
Fabricated materials, inedible				
1975	216,969	12,281,678	2,536,024	1,448,305
1976	208,599	12,496,511	2,744,886	1,484,934
1977	222,542	13,623,277	2,745,493	1,517,155
1978	233,597	14,218,840	2,839,525	1,248,030
1979	244,582	14,943,209	3,205,100	1,344,284
End products, inedible				
1975	180,492	4,688,446	2,337,256	1,147,834
1976	188,041	4,811,602	2,668,612	1,157,195
1977	184,195	4,488,141	2,475,030	1,050,543
1978	181,038	4,438,302	2,359,391	938,004
1979	180,565	4,370,317	2,259,668	700,669
Special types of traffic[1]				
1975	136,412	3,120,291	360,686	81,238
1976	146,288	3,879,137	549,262	71,115
1977	140,548	3,903,370	410,533	62,584
1978	152,095	4,123,839	475,286	56,498
1979	162,295	4,214,128	584,061	74,564
Grand Total, Carload Traffic				
1975	994,962	51,792,428	9,247,728	4,315,064
1976	1,002,533	53,767,926	10,382,120	4,601,592
1977	1,005,552	54,386,818	10,165,219	4,459,806
1978	982,100	51,544,220	9,942,056	3,821,288
1979	967,009	49,632,047[2]	10,348,807[2]	3,761,742
Non-Carload Shipments				
1975	...	436,805	6,069	883
1976	...	353,633	311	44
1977	...	359,842	301	38
1978	...	316,581	636	58
1979	...	238,263	185	41
Grand Total, Carload and Non-Carload Traffic				
1975	...	52,229,233	9,253,797	4,315,747
1976	...	54,121,559	10,382,431	4,601,636
1977	...	54,746,660	10,165,520	4,459,844
1978	...	51,860,801	9,942,692	3,821,326
1979	...	49,870,315[2]	10,348,993[2]	3,761,785[2]

1) Excludes railway-owned (Plan II) trailers and containers for which data are included under appropriate commodities according to trailer container contents.

2) Total may not balance due to rounding off of figures after conversion from metric tonnes to short tons.

Source: SC, *Railway Freight Traffic (52-205).*

Appendix I

Unit Conversion

Unit Conversion Table

	Unit	Converted Equivalent
Length	1 inch	2.540 centimeters
	1 foot	3.048×10^{-1} meter
	1 mile	1.609 kilometers
Area	1 square inch	6.452 square centimeters
	1 square foot	9.290×10^{-2} square meters
	1 square mile	2.590 square kilometers
	1 square mile	640 acres
	1 acre	4.356×10^{4} square feet
	1 acre	4.047×10^{-1} hectare (square hectometer)
Volume	1 cubic inch	16.387 cubic centimeters
	1 cubic foot (Br.)	2.832×10^{-2} cubic meters
	1 cubic foot (Br.)	6.229 gallons (Br.)
	1 cubic foot (Br.)	7.481 gallons (U.S.A.)
	1 gallon (Br.)	1.605×10^{-1} cubic foot
	1 gallon (Br.)	4.546 liters
Mass	1 pound	4.536×10^{2} grams
	1 long ton (Br.)	1.016 metric tonnes
	1 short ton (Br.)	0.907 metric tonnes
Density	1 lb./cubic foot	1.602×10^{-2} gram per cubic centimeter
	1 gm/cc	62.43 lbs. per cubic foot
Work and Energy	1 British Thermal Unit (BTU)	2.930×10^{-4} kilowatt hour
	1 kilowatt-hour	3.413×10^{3} (BTU's)
Power	1 horse power	7.070×10^{-1} BTU per second
	1 horse power	7.457×10^{2} watts
	Kilowatt	9.483×10^{-1} BTU per second
	Kilowatt	1.341 horse power

Appendix II

Census of Population — Data Quality

Data from the Canadian Census of Population are used in several sections throughout this publication. Data quality is an important factor which should be considered with regard to these data. The comments on data quality relate to 1976 data; information may be obtained from Statistics Canada for earlier Censuses and for additional details on random rounding.

Confidentiality and Random Rounding – The aggregated data from the 1971 and 1976 Censuses have been subjected to a confidentiality procedure known as "random rounding" to prevent the possibility of associating small figures with any identifiable individual. Under this method, all figures including totals are randomly rounded (either up or down) to a multiple of "5". This technique provides strong protection against direct, residual or negative disclosures without adding significant error to the census data. However, since totals are independently rounded they do not necessarily equal the sum of individual rounded figures in distributions. Also, minor differences can be expected for corresponding totals and cell values in various census reports. Similarly, percentages, which are calculated on rounded figures, do not necessarily add to the total. Percentage distributions and rates for the most part are based on rounded data, while percentage changes and averages are based on unrounded data.

Coverage Error – A coverage error occurs in the census whenever a person or a household is missed completely or counted more than once. Since overcoverage is fairly rare in relation to undercoverage, the net effect of such errors is to introduce a downward bias in census figures, so that the published census estimates tend to underestimate the actual population. A special study was undertaken in relation to the 1976 Census to measure the extent of the bias due to undercoverage. This study estimated the over-all undercoverage rate to be of the order of 2% of the total population.

Evidence from studies of coverage errors in earlier censuses indicates that undercoverage is not evenly distributed throughout the population but tends to be higher in certain segments of the population, e.g., young male adults, recent immigrants.

Response Rates – The table below presents the response rates obtained in the 1976 Census for the stated characteristics. A response rate is defined as the number of times the value of the characteristic was obtained divided by the number of times it should have been obtained.

These response rates are published in order to give an indication for each characteristic, of the proportion of cases which required imputation for non-response.

Response Rates for Selected Census Characteristics, 1976

Characteristics	Response Rate(%)
Mother Tongue	98.1[1]
Age	98.4
Marital status	98.0
Sex	98.6

[1] As imputation for non-response was not carried out for mother tongue, the response rate for mother tongue is the percentage of persons in the given language categories excluding the "not stated" category.

Total Standard Error – The measures of reliability given in the table below are estimates of the total standard error (TSE) of the published 1976 Census figures. These include the effects of sampling (where applicable) as well as the random or non-systematic components of response and processing errors. The total standard errors, however, do not include allowances for systematic errors such as coverage errors, biases due to similar misinterpretations of concepts by many respondents, or systematic processing errors. These estimates of reliability are published to give an indication of the level of error only and are not meant for use in hypothesis testing or detailed analysis.

Users wishing to obtain TSE estimates for a given cell of data in any table should follow these procedures:

1. Determine if the table is based on the complete census or on the one-third sample.
2. Determine the categories defining the cell. In some cases, this may be just a single category (e.g., age 25-29), while for a cell in a cross-classification involving several variables, there may be several categories (e.g., married males aged 25-29).
3. Referring to the TSE table locate the cell-defining category which presents the highest value. Any column can be used for this comparison. For those categories where both 100% and sample TSE values are shown, use only the 100% rows for tables based on the complete census and only the sample rows for tables based on the one-third sample (see step 1).
4. Choose the column in the TSE table whose heading is closest to the value of the given cell in the census table. Approximations for intermediate values may be achieved by linear interpolation.
5. Read off the figure from the row (determined in step 3) and column (determined in step 4) of the TSE table.

When using these figures, the user can be reasonably certain that, for the enumerated population, the true value (discounting systematic and coverage errors) lies within plus or minus twice the total standard error (e.g., for a figure of 100 with a hypothetical TSE of 3, the range would be 100±6) and virtually certain that it lies within plus or minus three times the total standard error (e.g., for the same figure of 100 with a hypothetical TSE of 3, the range would be 100 9).

Total Standard Error Estimates[1] for Selected Census Characteristics, 1976

Characteristics	Size of Census Figure 50	100	200	500	1,000	2,000	5,000	10,000	20,000	50,000	100,000	500,000	Million 1	2	5	10
Marital status																
Married and separated																
Married	5	7	10	16	22	31	49	69	98	155	219	490	687	979	1,548	2,188
Single (never Married), Separated, Widowed, Divorced	8	10	14	23	33	46	72	103	145	229	324	724	1,053	1,649	2,607	3,687
Age																
Under 15 years of age	9	12	18	28	39	56	88	125	176	279	395	882	1,248	1,764	2,790	-
15 years of age and over	5	7	9	15	21	30	47	66	93	148	209	467	661	934	1,477	2,089
Sex																
Male	6	9	12	20	28	39	62	88	125	197	279	624	882	1,247	1,972	2,789
Female	6	8	12	19	27	38	60	85	120	190	269	601	850	1,202	1,900	2,687
Mother Tongue																
English	8	12	17	26	37	53	83	117	166	263	372	831	1,175	1,661	2,627	3,715
French	8	12	17	27	38	53	84	119	169	267	377	844	1,193	1,687	2,668	-
Other[2]	13	19	27	42	60	85	134	190	268	424	600	1,342	1,898	2,684	-	-
Group 1[3]	5	8	10	15	24	34	51	72	102	157	222		-	-		-
Group 2[4]	11	16	22	35	50	70	111	157	222	366	519	1,053	-	-	-	-

[1] These correspond to the reliability measures that were presented as root mean square errors or reliability estimates in the 1971 Census publications

[2] To be used for the single category defined as all mother tongues, other than English, French and Not stated.

[3] To be used for any one of Baltic languages, Czech and Slovak, Magyar (Hungarian), Native Indian, Netherlandic and Flemish, Scandinavian and Spanish.

[4] To be used for any mother tongue other than English, French and those listed in Group 1.

Index

Agriculture, 429
  area of farms, 431
  cash receipts, 440, 442
  exports, 444
  farm enlargement statistics, 432
  farm operating expenses, 439
  income, 438, 440, 449
  investment, 563
  labour force, 320
  production, 435, 443, 444, 445, 446, 447, 449, 450
  share of census value added in goods producing industries, 547
Agriculture products, 433, 435
  exports, 443
  imports, 443
  index of farm prices, 370, 376, 377
  sale of, 442
Air pollution, 15, 22, 24
Aircraft movements, 587, 591, 593
Alcohol related deaths, 162
  offences, 164
Alcoholism
  death rates, 162
  prevalence, 162
Apartment buildings,
  completions, 276, 277
  vacancy rates, 270, 278, 582
Appliances, electric, 269, 307, 308
Automobiles,
  households with, 270, 291, 292
  see also Motor vehicles
Average life expectancy, 124, 127

Balance of payments, 422
Banks; *see* Chartered banks
Bath facilities, 269, 282, 299
Beverages, alcoholic
  apparent consumption, 161
  volume of sales, 126, 161
Birthplace, 74, 75
Births, 88
  by age of mother, 87
  by county, 88
  live, 87
Blind,
  schools, enrolment in, 183
Bonds,
  federal, 402
  issues and retirements, 387, 402, 403
  marketable, 387, 402
  provincial, 402
Budget, 387, 391
  revenue, 385, 386, 390
  summary, 389
Building materials, 378
Building permits,
  issued, 555, 574, 575
  value of, 574, 575, 589
  see also Construction; Dwellings, Housing
Business failures, 413

Cancer,
  deaths, 125, 144
Chain stores,
  retail trade, 425, 426
Chartered banks,
  assets, 405
Cheques cashed, 387, 391, 406
Cigarette smokers, 126, 161
Coal products, secondary energy from, 497
Collective agreements, 336
Construction, 556
  building, 378, 555, 570
  cost of materials used, 572
  employment, 322, 325
  engineering, 571
  expenditures, 557, 561, 563, 567
  investment in, 554, 558, 559, 561, 563, 567, 569
  labour content, 572
  material price index in, 378
  share of census value added, 547, 548
  value of work performed, 554, 555, 570, 571, 572, 573, 575
  wage rates, 357
  see also Apartment buildings; Building permits; Dwelling; Housing
Consumer credit,
  outstanding balances of selected holders, 388, 408
Consumer price index, 269, 277, 389, 371
Corporations, 388, 411, 412, 413
Correctional institutions, 225, 242, 243, 244
  see also Prisoners
Cost of living index; *see* Consumer price index
Counties and Regions, 360, 361, 467
  births, deaths and natural increase, 88
  census families, 111
  doctors, 128
  language, 63, 66
  motor vehicle accidents, 246
  nurses, 131, 132
  per capita social service expenditures, 120
  population by age, 49
  population by marital status, 61
  population projections, 41, 58
  population, by sex, 49
  population, urban and rural distribution, 71
  principal manufacturing statistics, 535
  schools, teachers and enrolment by sex, 199
  social services expenditures, 109, 119
  tuberculosis, 146
Crime, rates of, 224, 231, 235, 236
  see also Offences, rates
Criminal charges,
  offences, 226, 227
  see also juvenile delinquents; Offences
Crowding, in housing, 271
Crude oil,
  import, 515
  inter-region transfers, 515
  pipeline movements, 515
  production of, 515

Deaf,
  schools, enrolment in, 183
Deaths, 88, 98, 155, 162
  alcohol-related, 162
  by cause, 95, 96, 100, 125, 144, 145, 147, 225, 245, 246
  by county, 88
  by marital status, 92
  by motor vehicle collisions, 225, 245, 246
  by sex, 92, 96, 100, 144
  infant, 84, 88, 93, 94
  rates, 88, 91, 92, 94, 145, 162
Degree Days, 12
Dentists, 124, 134, 135
  licenced to practice, 133
  personal expenditures for services, 136, 137
Department stores
  sales, 425
  by CMA, 427
Diseases,
  cancer, 125, 144
  heart, 125, 144
  notifiable, 142, 143
  psychiatric, 153, 155
  rates, 143
  tuberculosis, 125, 145, 146, 147
Divorces, 114
  rate, 108, 115
Doctors,
  specialists, 128
  non-specialists, 128
  see also Physicians; Occupations
Drive-in theatres, 257
Drug-related offences, 163
Dwellings, 274
  by watershed, 11
  completions, 276, 277, 556, 577
  starts, 556, 577, 578, 579, 580, 581
  tenure of, 273
  type of, 273
  under construction, 556, 577
  see also Apartment buildings; Building permits; Construction; Housing

Earnings,
  average hourly in, 311, 324
  average weekly by industry, 353
  average weekly in manufacturing, 342, 355, 356
  average weekly in industrial composite, 342, 355, 356
  average weekly in mining, 342, 355
  minimum hourly, 342, 353
  see also Income; Wages and salaries
Education,
  academic salaries, 209
  by county and district, 199
  expenditures, 169, 170, 210, 211, 213
  financial assistance to students, 210, 211, 212
  grants, 216
  local taxation for, 213, 215
  manpower training, 185
  see also Elementary schools; Enrolment in; Secondary schools; Blind, schools; Deaf, schools; Federal schools; Non-federal schools; Registration; Separate Schools; Universities
Egg,
  disposition, 450
  production, 435, 450
Electrical energy, 490
  distribution, 509
  in index of industrial production, 546
  installed generating capacity, 513
  revenue, 511
  sales, 511
  share of census value added in goods producing industries, 547
Electricity,
  generation of secondary, 497
  primary, 491, 494
Elementary school,
  enrolment, 167, 172, 173, 175, 180, 198
  teachers, 167, 196, 197
Employment, 309, 313, 314, 325, 330, 331
  index numbers of, 325, 326
  as percentage of population, 316
  see also Labour force
Energy, 490
  commodity conversion, 499
  consumption, 491, 492, 498, 499, 500
  demand of primary, 493, 506
  generation of, 491, 507, 513
  Ontario Hydro sales, 505
  program funding allocations, 523
  secondary, 495, 497
  share index of consumption, 521, 522
  supply of, 492, 506
Enrolment in,
  adult training, 184
  minority language, 184
  see also Blind, schools; Elementary schools, Federal schools; Non-federal schools; Secondary schools; Separate schools; Universities
Environment, 3
  objectives, 20
  pollution of, 15, 17, 18, 22, 23, 27
  protection activities, 28, 29, 32, 33, 34, 35, 36
  water quality trends, 26
Ethnic group, 43, 75, 76
Expenditures,
  budget dollar, 387
  dental service, 157
  education, 169, 170, 210, 211, 212, 213, 216
  health, 136, 137, 157, 159, 160
  national gross, 374
  provincial, gross, 344
  social services, see Social service expenditures
  tax dollar, 386, 392
  travel, 253
    see also Municipal Revenue Fund
Exports, 416
  agriculture and food, 444
  by commodity, 421
  domestic, 420
  merchandise, 420, 422
  of fuel and electricity, 494
  price index, 370, 373
  total, 416, 417, 419, 421

Families, 108, 111
  by county, 111
  by number of children, 110
  by size, 110
  dependency ratio, 74
  income, 349, 351
Farm, 431
  capital, 433, 437
  cash receipts, 440, 442
  enlargement statistics, 432
  incomes, 438, 440, 442
  operating expenses, 439
  operations, 440
  products, sale of, 442
Federal schools, 170
  enrolment, 181
Fertility rates, 83, 86
Fish,
  contaminants in, 27
Fisheries, commercial,
  Employment in, 455, 463
  investment in, 455, 463

  fish harvest, 454, 458, 459, 461
  licences, 456, 462
Flower production, 435, 451
Food,
  imports, 443
  exports, 443
Foreign currencies,
  convertible, 404
Forest,
  depletion, 479
  fires, 461, 466, 471, 479, 480
  resources, 479
Forestry, 471, 473, 479
  employment index, 326
  investment, 563
  share of census value added, 547
Freight, revenue, 597
French,
  as a second language, 219
Fruit production, 433, 447
  acreage, 446
  value, 442, 446
Fuel,
  heating, 269, 278, 280, 281
  primary, 491, 494
  production value of, 485
  quantity of, 485
  ratio to value of shipments of goods, 524
  secondary, 495, 497
Fur,
  farms, licenced, 467
  pelts, 457, 465, 466, 467

Goods producing industries,
  share of census value added, 547
Graduates, 195, 196
Grants for education, 216
Great lakes, 11
  pollution, 17, 27
Gross Domestic product, 548, 549, 550
Gross National,
  expenditure (GNE) 369, 374
  product (GNP), 546
Gross Provincial,
  expenditure (GPE), 344
  product (GPP), 341, 343

Handicapped,
  education of, 170, 183
Hauled Industrial Waste, 18
Health,
  expenditures on, 136, 137
  insurance, 157, 159, 160
  mental, 148, 150, 151, 152, 153, 154, 155
Heart diseases, deaths from, 125, 144
Heating fuels, 269, 278, 280
Highway,
  mileage, 585, 589
Homes, vacation, 254
Horticultural,
  production, 435, 451
Hospitals,
  bed capacity, 138, 148
  by size, 138
  by type, 138, 148
  operating expenses, 138
  psychiatric, 150, 151, 152, 153
  separations and days of care, 140, 141
  special care facilities, 148, 149
Hotels,
  beds, 258
  employees, 258
  nature of rooms, 259
  receipts, 259
  salaries, 258
Hours worked,
  average weekly in manufacturing, 323, 324
Household, 270, 274, 291
  facilities and equipment, 253, 254, 255, 280, 282, 284, 287, 288, 289, 290, 293
  size, 272
  with electrical appliances, 269, 283, 284, 285
  with carpeting & fireplaces, 286
  with heating equipment, 281

Housing,
  crowding, 271
  investment in, 563, 569
  on Indian reserves, 79
  ownership, 269, 273, 278
  price, 269, 278, 379
  rent index, 269, 278
  see also Apartment buildings; Building permits; Construction; Dwellings
Hunting,
  harvest, 456, 465
  licences sold, 478

Immigration,
  country of last permanent residence, 102, 103
  intended destination, 85, 101, 103
  intended occupation, 104
Imports, 416
  by commodity, 485
  merchandise, 420, 422
  of fuel and electricity, 494
  price index, 370, 373
  total, 421
Income,
  of families, 349, 351
  of farm operators, 440
  of unattached individuals, 349, 351
  personal, 341, 345, 346, 347
  personal disposable, 348
  provincial, 341, 343, 386
  taxable, 360
  total, 360
  see also Earnings; Wages and Salaries
Indian reserves, 79
Industry,
  employment index, 325, 326
  gross domestic product, 548, 549, 558
  index of production, 529, 546
  labour force, 322
  material price index, 378
  real domestic product, 531
  average weekly earnings, 353
Injury, self-inflicted, 96, 98, 100
  see also Suicides
International labour organizations,
  distribution of membership, 335
Investment,
  capital, 554, 557, 558, 559, 561, 563, 567
  repair, 557, 561, 563, 567

Juvenile delinquents, 240
  by age and sex, 225, 239, 240
  charges, 237, 238, 240
  disposition of cases, 238
  see also Criminal charges; Offences

Labour force, 169, 309, 313, 322, 325
  agriculture, 314, 320
  growth in, 314
  non-agricultural, 314, 320, 321
  participation rates, 310, 314, 317, 318
  persons in and not in, 319
  see also Employment
Labour organizations, 334, 335, 336
Language,
  in broadcasting, 300, 301
  in education, 180, 184, 198, 218
  mother tongue, 42, 64, 65
  official, 63
Licences,
  angling, 458
  commercial fishing, 456
  hunting, 464
Liquid industrial
  wastes, 18
Livestock, 434, 448
Loans,
  repayments and advances, 393
Low income, 349, 350
  housing starts, 581

Machinery,
  expenditures, 553, 561, 563, 567
  investment, 558
  price indexes, 380
Magazines,
  circulation of, 305
Manufacturing,
  average hourly earnings, 311, 324
  destination of shipments, 545
  employees, 474, 476, 527, 530, 531
  employment index, 326
  energy consumption, 500
  fuel and electricity, cost of, 474, 476, 524, 531, 535
  hours worked in, 323, 324
  investment in, 554, 559, 563, 567, 569
  materials and supplies, 474, 476, 531, 535, 539
  ownership, 537
  real domestic product, 529
  share of census value added, 547
  value added, 474, 476, 528, 530, 531, 535, 539
  value of shipments, 474, 476, 528, 530, 531, 535, 539
  wages and salaries, 342, 355, 356, 528, 530, 531, 535, 539
Map of Ontario, 8, 39, 431, 490, 527
Marriages, 114
  by age of bride and groom, 112
  by selected municipality, 113
  rates, 108, 115
Mental facilities,
  average daily production, 152
  see also Psychiatric inpatient facilities
Merchandise trade, 416, 420, 422
Mileage,
  highway and road, 585, 589
  municipal road, 585, 589
  road and street, 585, 589
Milk,
  farm value, 449
  production, 449
  utilization of, 449
Mineral production,
  quantity of, 483, 484
  value of, 472, 482, 483, 484
Mining, 342, 355
  employment index, 326
  investment, 563
  quantity of, 483, 484
  share of census value added, 547
  value of, 472, 482, 483, 484, 493
Mortality; *see* Death
Mortgage,
  conventional, 388
Mother tongue, 42, 64, 65
Motion picture theatres, 256
Motor vehicles, 539
  collisions, 225, 245, 246
  production, 526, 544
  registrations, 583, 585, 588
  see also Automobiles
Municipal Capital Fund, 399
  by upper tier, 400
Municipal Revenue Fund
  expenditures, 395
  by upper tier, 397
  revenues, 394
  by upper tier, 396

National labour organizations,
  distribution of membership, 334
National gas utilities, 519
Newspapers,
  circulation, 303
Non-federal schools,
  enrolment of Indians in, 182
Notifiable diseases, 142, 143
  rates, 143
Nurses, 124
  assistants, 132
  registered, 130, 131
  see also Occupations

Occupations, 325
  immigration by, 104
  unemployed by, 333
Offences,
  actual, 224, 227, 231
  alcohol-related, 164
  charges, 226, 227
  convictions, 224
  drug related, 163
  nature of, 226, 231, 239, 240
  rates, 224, 231
  sentences imposed, 241, 244
  see also Criminal charges; Juvenile delinquents
Official language, 63
  see also Language
Ontario Hydro,
  customers served by, 492, 510, 511
  energy sales, 493, 505, 511

Paper production, 478
Parks, provincial, 252
Personal income, 341, 345, 346
  disposable, 348
  per person, 347
Petroleum,
  pipeline movements, 517
  secondary energry from, 495
Phsyicians,
  resident, 124, 129
  see also Doctors; Occupations
Pipeline movements, 515, 517
Pollution, 15, 18, 22, 24, 27
  abatement and monitoring, 28, 29, 32, 33, 34, 35, 36
  air pollution index, 22
  in Great lakes, 27
  sulphur dioxide, 10, 15, 20
  suspended particulate matter, 10, 15, 20

Population, 39, 41, 44, 69, 70
  by age, 40, 45, 49, 57, 59
  by birthplace, 74, 75
  by ethnic group, 43, 76
  by marital status, 60, 61
  by mother tongue, 64, 65
  by official language, 63
  by regions and counties, 41, 49, 58, 61
  by religious denomination, 77
  by sex, 40, 47, 49, 57, 58
  by watershed, 11
  central city and suburban percentage, 70
  comparison to school enrolment, 217
  dependency ratios, 74
  natural increase in, 88
  projections, 41, 52, 59
  registered Indian, 42, 78, 79
  urban and rural distribution of, 71, 74
Post-secondary, 170
  certificates awarded, 193, 194, 196, 197
  diplomas awarded, 193
  enrolment, 168, 184, 190
·Poultry, 434, 448
Precipitation, 9, 12
Price indexes,
  consumer, 269, 278, 369, 371
  domestic export, 370, 373
  farm, 370, 376, 377
  for rents, 269, 278
  housing, 379
  implicit (in gross national expenditure), 374, 379
  import, 370, 373
  industrial, 375
  machinery and equipment, 380
  non-residential building materials, 378
  of agricultural products, 377
  residential building materials, 378
Prisoners, 242, 243
  by age and sex, 244
  see also Correctional institutions
Private schools, 170
  enrolment, 172, 177
Production,
  agriculture, 430, 449
  fruit, 446, 447, 450
  horticultural, 435, 451
  index of industrial, 529, 546
  mineral, 472, 482, 483, 484
  motor vehicle, 528, 544
  paper, 478
  primary forest, 471, 473
  primary fuel and electricity, 485
  vegetable, 444, 445
  see also Gross National, product; Gross Provincial, product
Provincial,
  expenditure, 344, 385, 391, 401
  income, 341, 343
  revenue, 385, 390, 401
Psychiatric inpatient facilities,
  discharges, 154, 155
  admission of delinquents, 238
  first admission, 150, 151
  patients on the books, 150, 152, 153
  see also Mental facilities
Public libraries,
  stock and circulation for, 297, 298
Public education, 218
Public schools, 170
  enrolment, 167, 172, 174, 218
Pulp and paper mills, 474, 478, 539

Radio stations, 297, 301
Raw materials price index, 377
Recreation,
  equipment, 253, 254, 255
Regions, see Counties and Regions
Registered Indians, 147
  by age, 78
  by sex, 42, 78
  by location of residence, 79
  enfranchisement of, 79
  school enrolment, 181, 182
Registration,
  motor vehicle, 585, 588
Religious denominations, 77
Reserves, international, 404
Retail trade,
  chain stores, 425, 426
  department stores, 425, 427
  sales, 417, 424
  value of, 418, 423

Revenue,
  budgetary, 385, 390
  budget dollar, 387
  tax dollar, 386
  see also Municipal Revenue Fund
Road mileage, 585, 589
Roundwood,
  shipments, 477

St. Lawrence seaway,
  tonnage, and transits, 586, 594, 595, 596
Sawmills and planing mills, 476, 591
School boards, 218
  operating expenditures, 213
  provincial grants to, 216
Separate Schools,
  enrolment, Roman Catholic, 167, 179, 218
Secondary Schools,
  enrolment, 167, 173, 175, 180, 218
  certificates and diplomas awarded, 194
Sewage treatment plants, 28, 29
Social service expenditures, 109, 116, 117, 118, 119, 120
  by county, 119, 120
Special care facilities, 148, 149
Sport fish,
  testing, 27
Steel,
  ingots and castings, production of, 529, 544
Stock exchange (Toronto),
  industrial index of, 388, 411
Street mileage, 585, 589
Strikes and lockouts, 312, 337
Structural materials,
  quantity of, 485
  value of, 485
Suicides, 96, 98, 100
Sunshine, hours of bright, 9, 12

Taxable,
  income, 360
  returns, 361, 362
Taxation, education, 215

Teachers, 170, 195, 198, 218
  by age, 207
  by county and district, 202
  by degree, 207
  by sex, 206, 207
  by highest qualification, 207
  in-service programs completed, 220
  of universities and colleges, 205
  of elementary and secondary, 167, 199
  see also Occupations
Telegraph, 300
Telephone, 287, 296, 298, 299, 300
Television stations, 297, 300
Temperature, 12
Theatres,
  drive-in, 257
  motion picture, 256
Trade,
  agricultural goods, 443
  employment index, 326
  exports, 416, 417, 419, 421, 443
  imports, 421, 443
  investment in 563, 567
  merchandise, 426, 420, 422
  retail, 417, 418, 423, 424
Transportation, 597
  by air, 587, 591, 593
  by water, 586, 594, 595, 596
  employment index, 326
  energy consumption, 498
Travel,
  between Canada and overseas countries, 250, 260, 262, 265
  between Canada and United States, 250, 261, 262, 263, 264
Trusts,
  payments into, 393
Tuberculosis, 125, 145, 146, 147

Unattached individuals,
  income, 349, 350, 351
Unemployment,
  by family status, 331
  by occupation, 333
  duration, 333
  rates, 310, 332
Universities, 170
  degrees awarded, 197
  enrolment, 168, 186, 191, 192
  teachers, 205
  salaries, 209
Utilities, 269, 278, 279, 507, 513, 519, 563, 569

Vacancy rates,
  apartments, 582
Vacation with pay, 358, 359
Value added,
  in goods producing industries, 547, 548
  in manufacturing activity, 474, 476, 528, 530, 531, 535, 539
  in selected industries, 539
  in total activity, 474, 476
  per cent distribution, 547
Vegetables, production of, 444, 445

Wage rates,
  construction union, 357
Wages and Salaries, 258, 311, 342, 353, 355, 356
  average academic, 210, 211
  change, percentage, 311
  minimum hourly, 342, 353
  in manufacturing, 342, 355, 356, 528, 530, 531, 535, 539
  see also Earnings and income
Waste,
  disposal sites, 18, 28
Water supply, 279
Water transportation,
  St. Lawrence Seaway, 586, 594, 595, 596
Water quality trends, 26
Watersheds,
  population, dwellings, farms by, 11

Ontario

Ministry of
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Economics

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Tom Campbell, Deputy Minister